

THE NUMBER WORKERS MATHEMATICS 1



NUMBER WORLD BOOK

AUTHORS: ELAYNE REISS
RITA FRIEDMAN
BERNARD KAUDERER, Ed. D.

THE
NUMBER
WORKERS
MATHEMATICS 1



NUMBER
WORLD
BOOK



AUTHORS: ELAYNE REISS
RITA FRIEDMAN
BERNARD KAUDERER, Ed. D.

Kit
513
Num

M.C. ESCHER, MOEBIUS STRIP II,

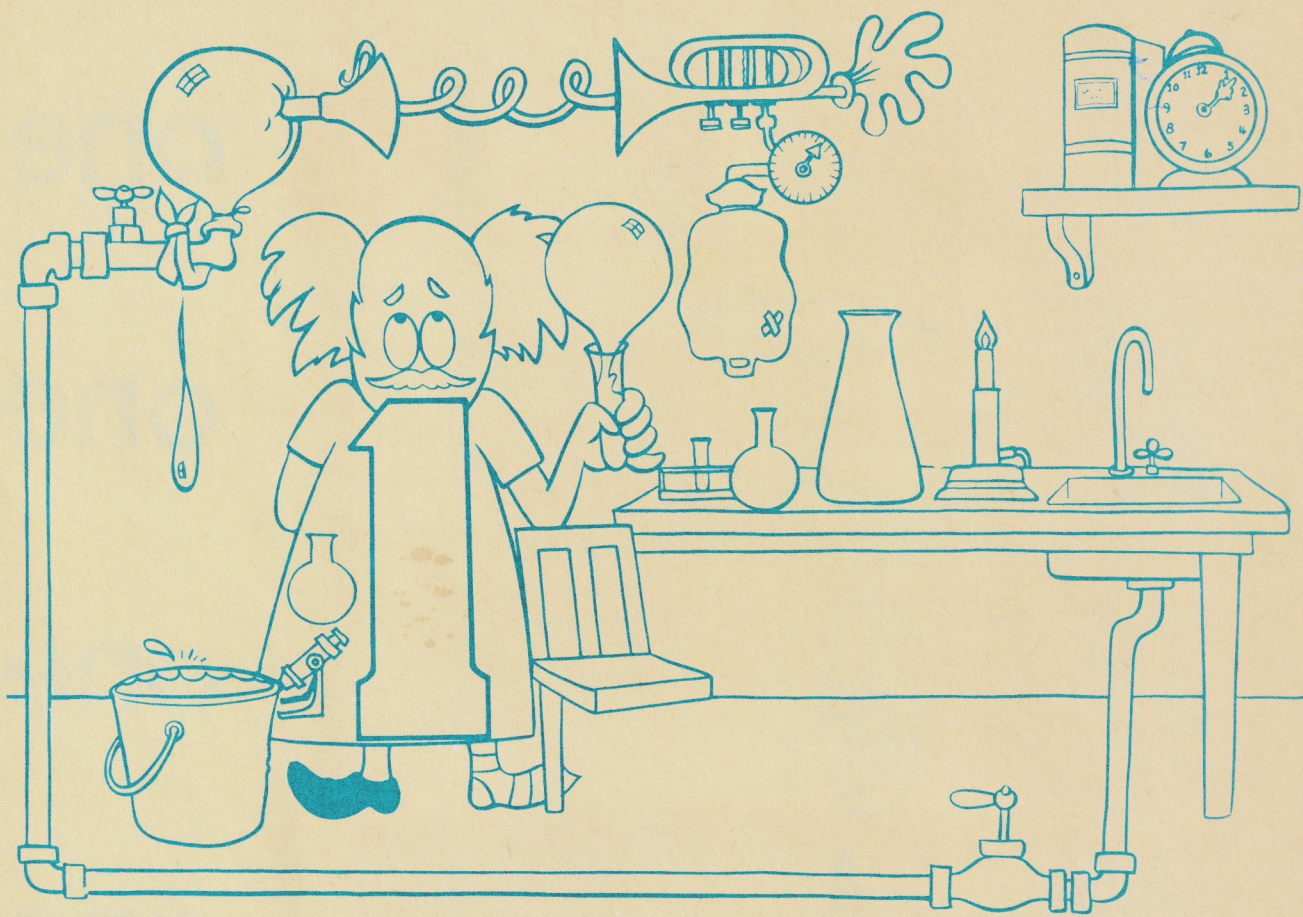
"Escher Foundation-Haags Gemeente Museum-The Hague"

Copyright © 1977 by THE NUMBER WORKERS COMPANY INC.,
221 HARBOR HILL ROAD, EAST HILLS, N.Y. 11576

All rights reserved. This book, or parts of it, may
not be reproduced in any manner without permission
of the publisher.

Printed in U.S.A.

NAME _____



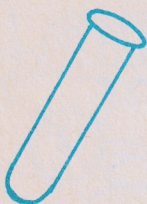
NAME _____



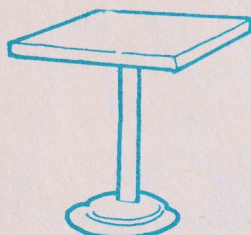
1

one

1st



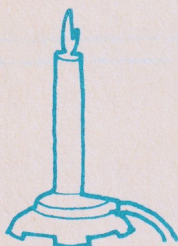
one



one



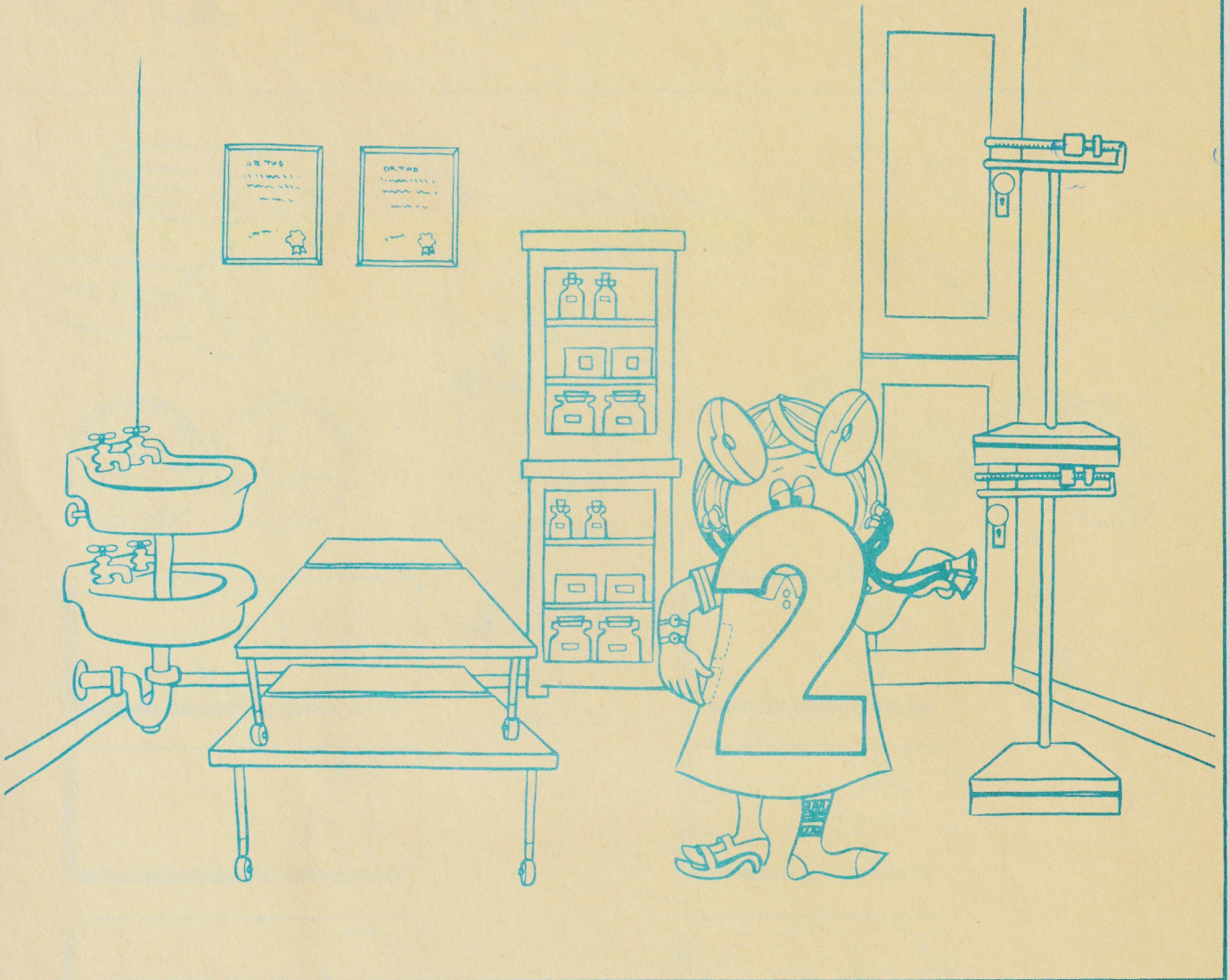
one



one



NAME _____



2

2

2

2

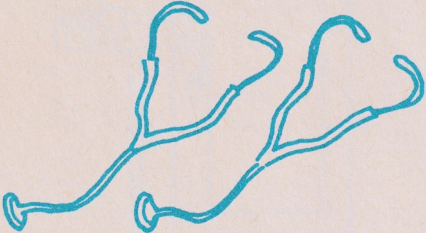
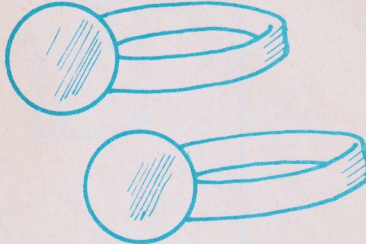
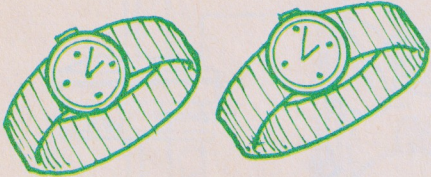
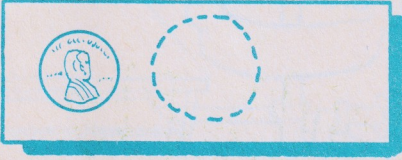
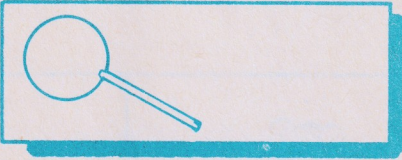
2

2

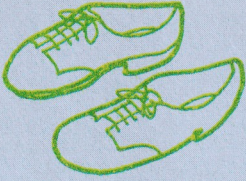
2

NAME _____

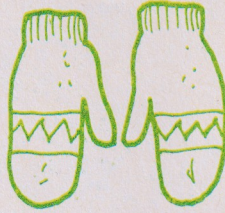


	2	two	2nd
             	!	!	!
	2	2	2

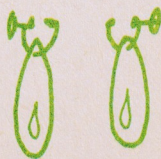
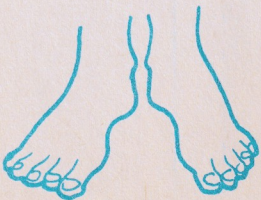
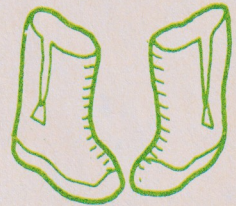
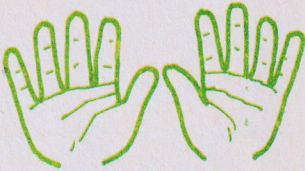
NAME _____



pairs



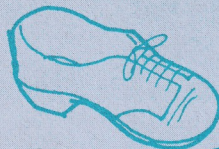
2



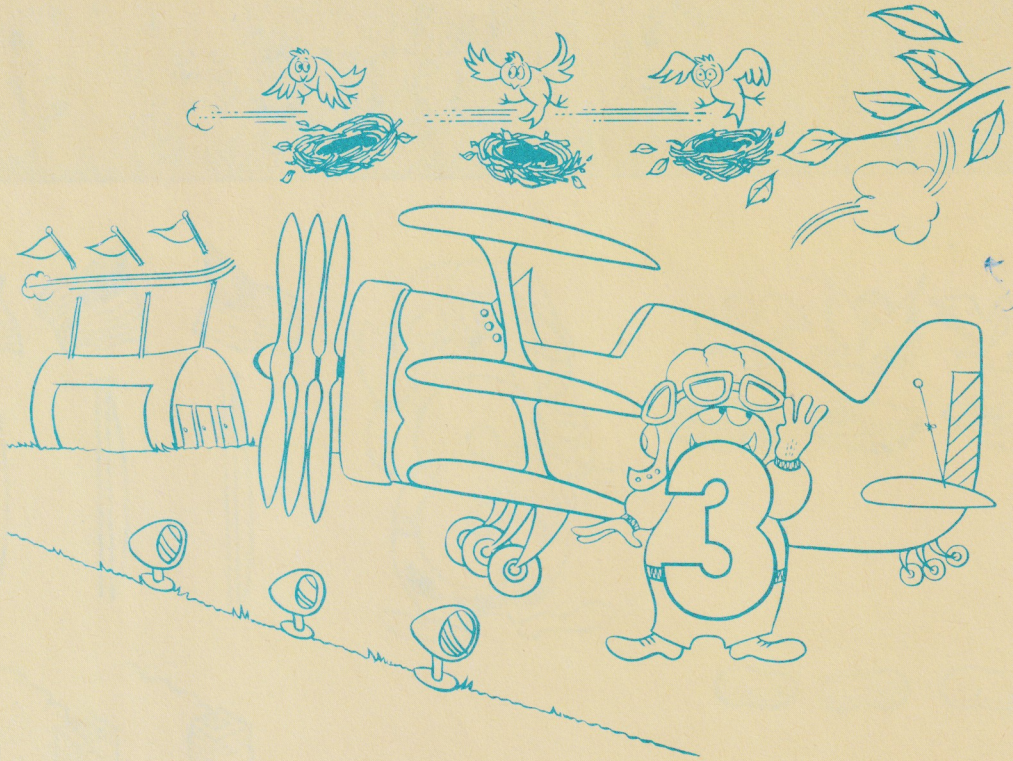
NAME _____



pairs



NAME _____



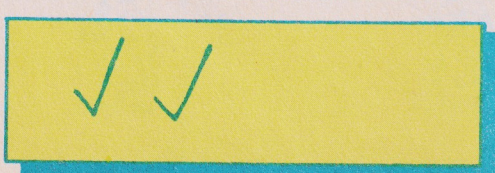
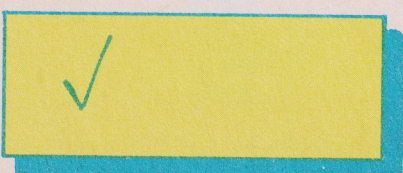
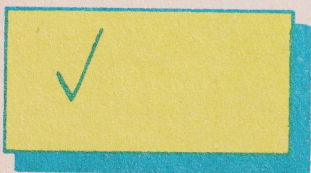
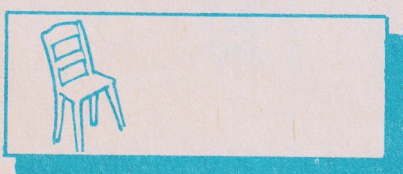
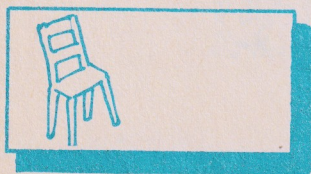
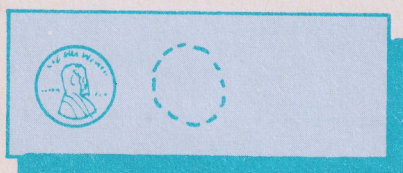
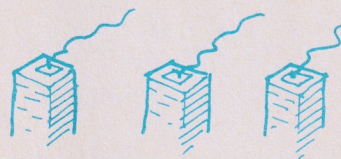
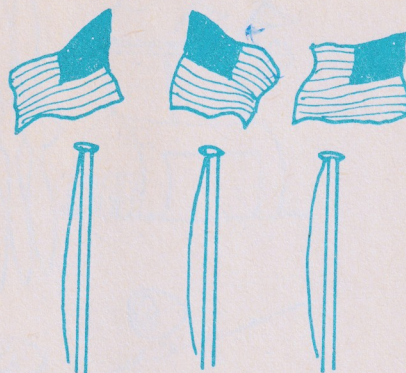
NAME _____



3

three

3rd





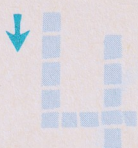
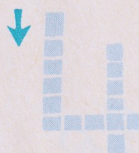
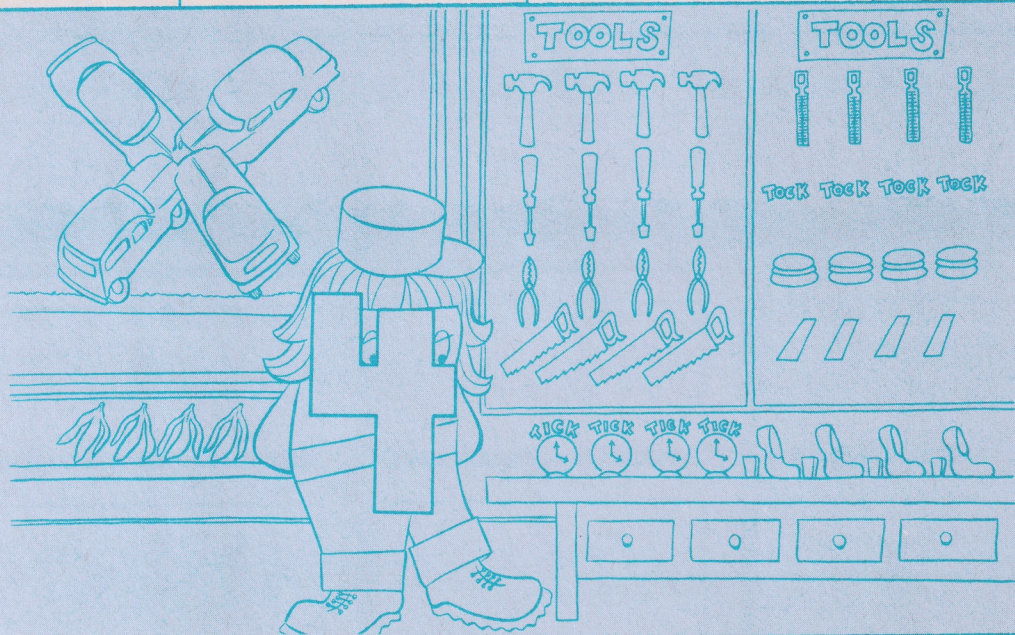
NAME _____



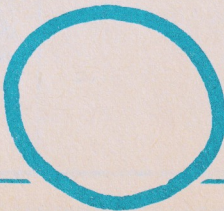
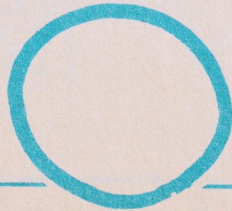
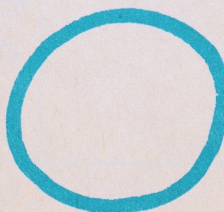
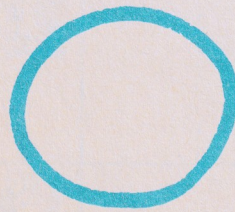
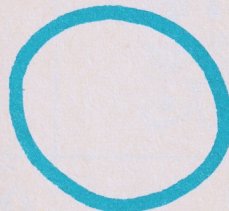
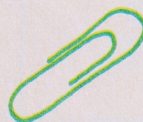
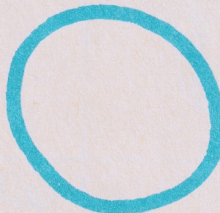
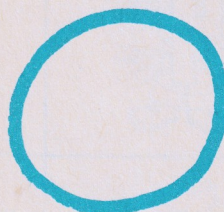
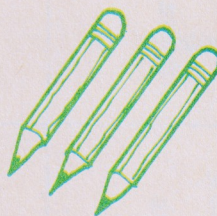
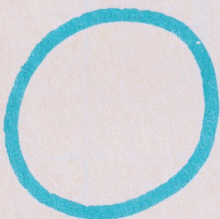
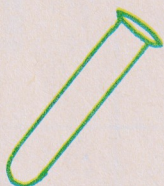
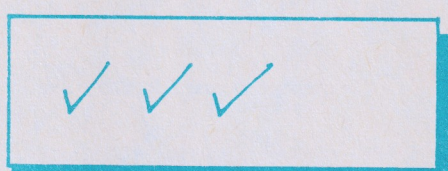
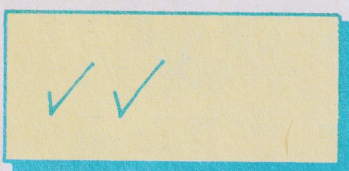
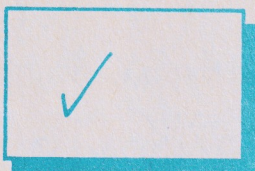
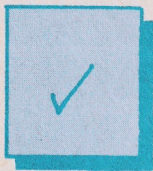
4

four

4th



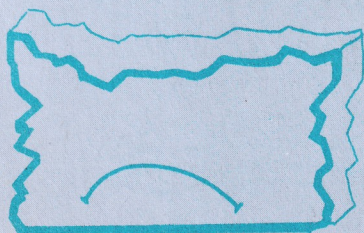
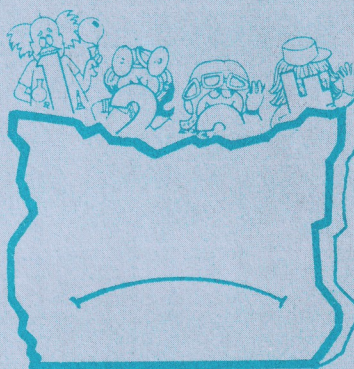
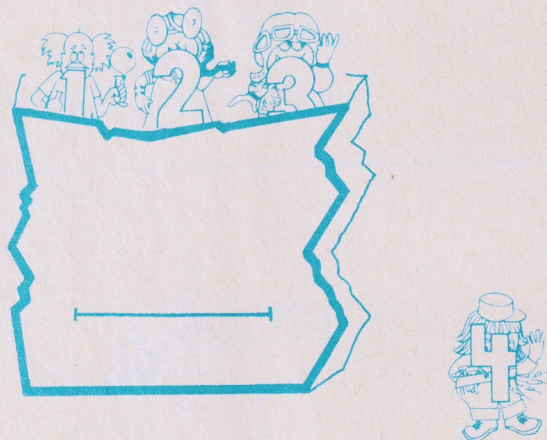
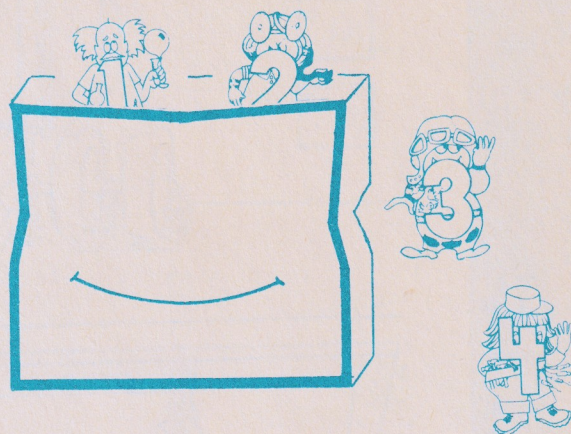
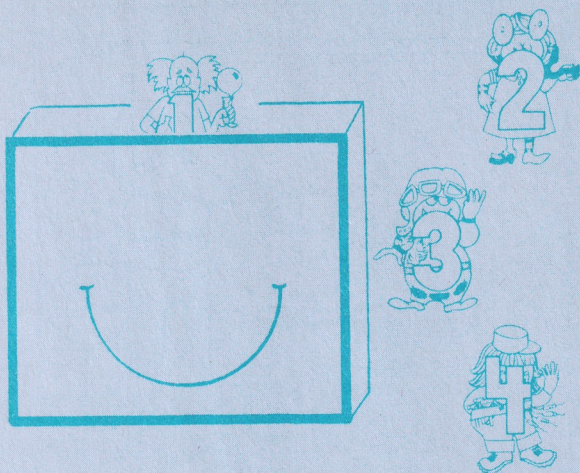
NAME _____



NAME _____



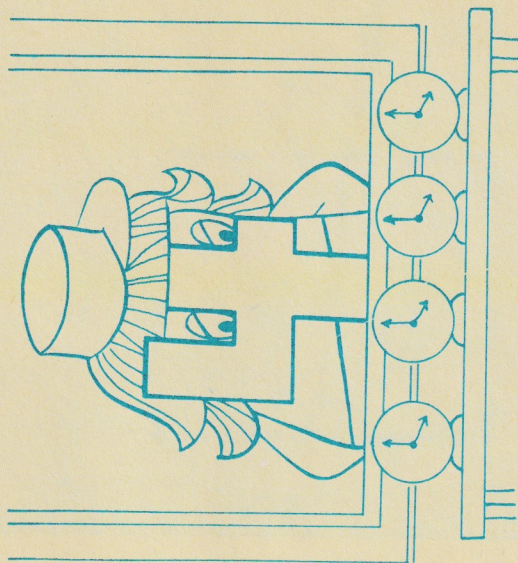
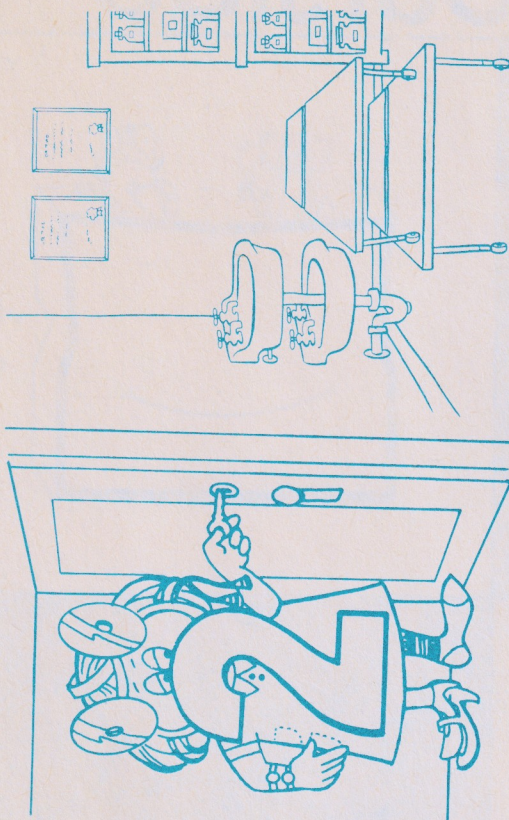
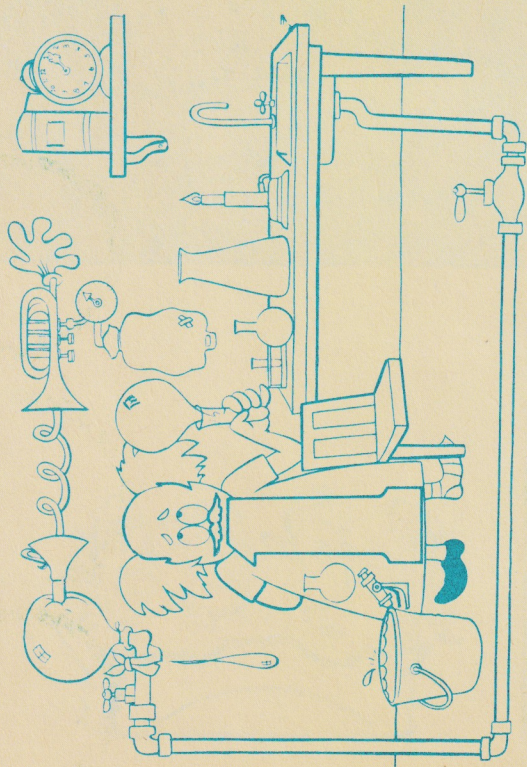
inside-outside



NAME _____



inside-outside





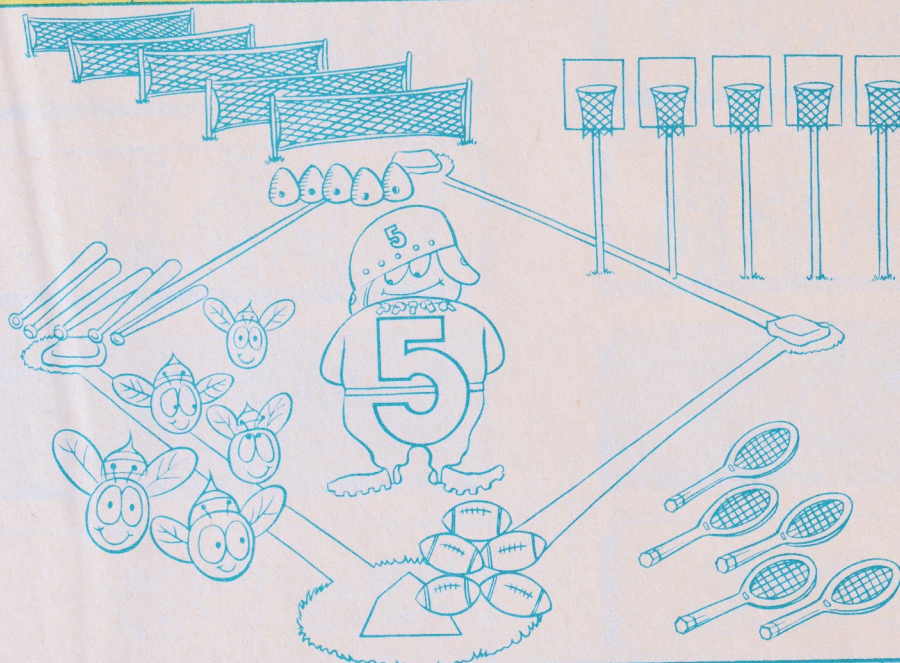
NAME _____



5

five

5th

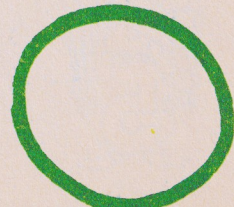
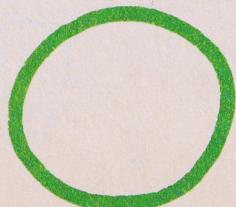
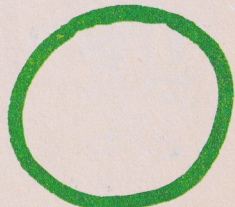
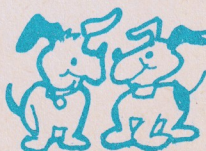
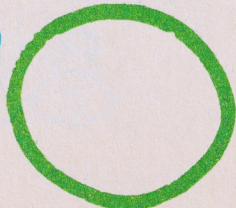
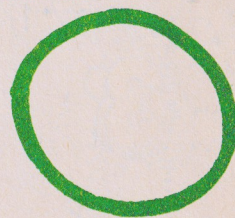
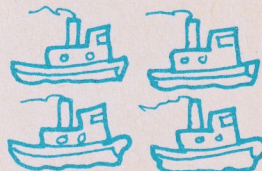
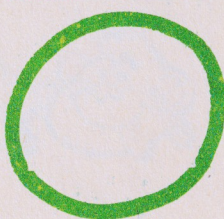
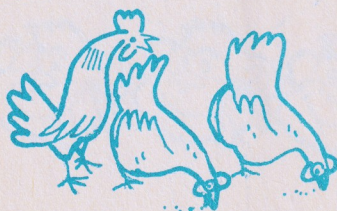


5

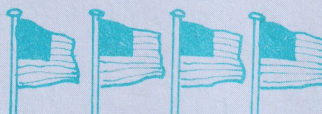
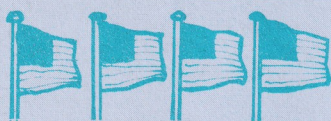
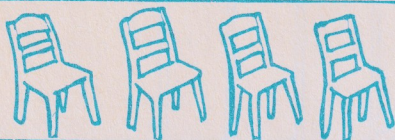
5

5

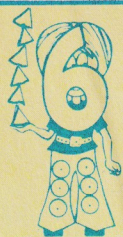
5



NAME _____



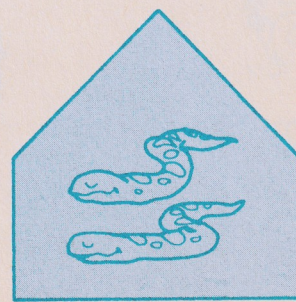
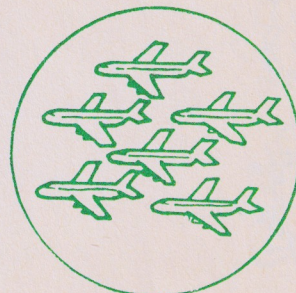
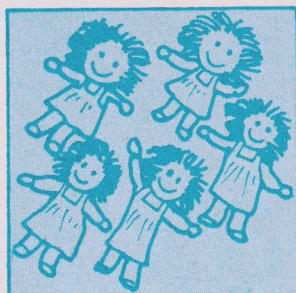
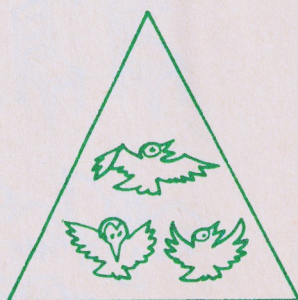
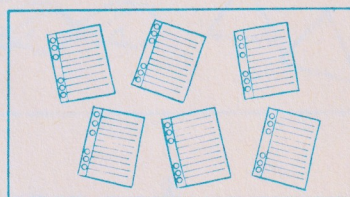
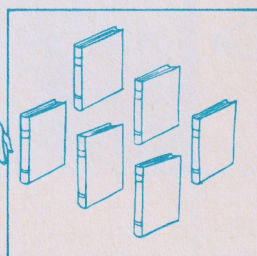
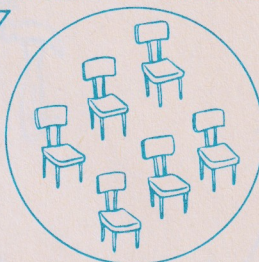
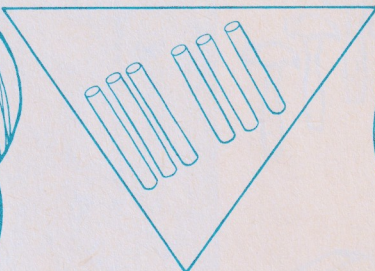
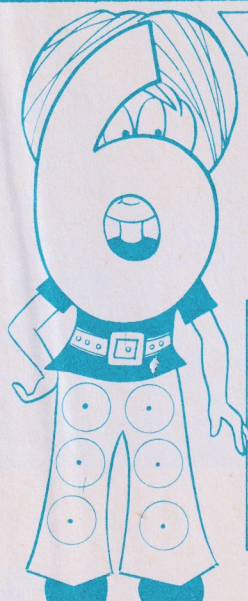
NAME _____



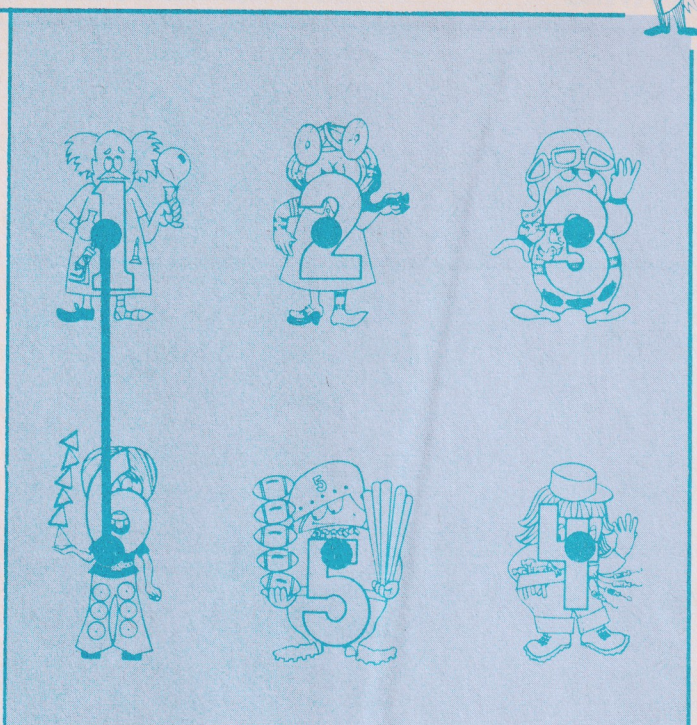
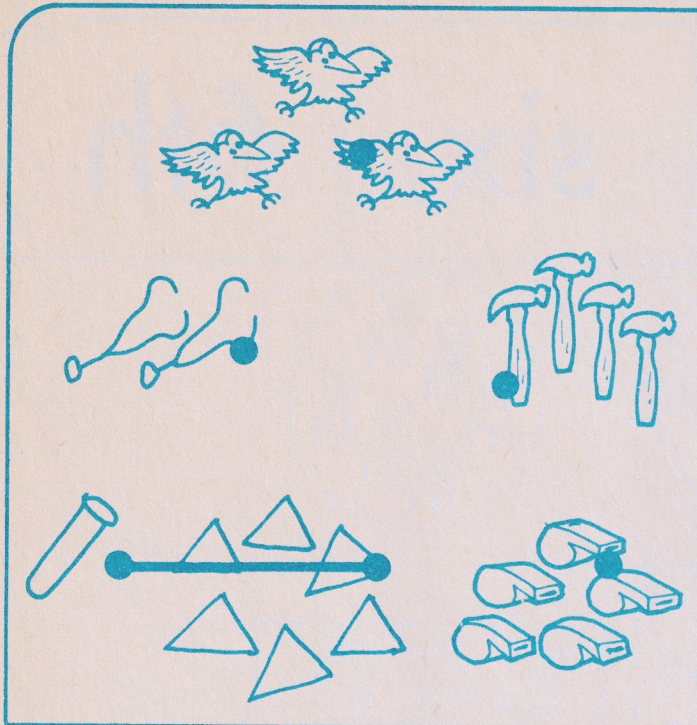
6

six

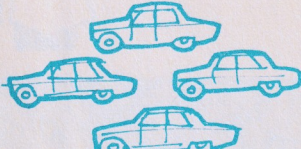
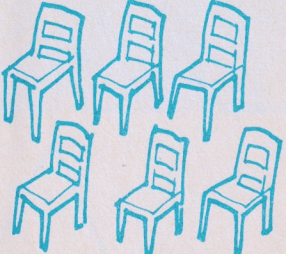
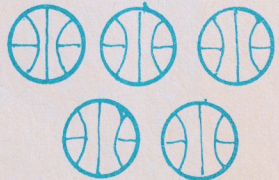
6th



NAME _____



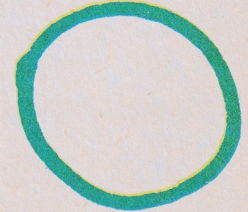
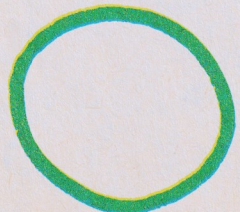
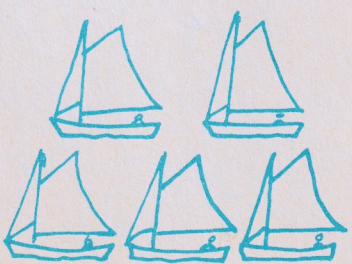
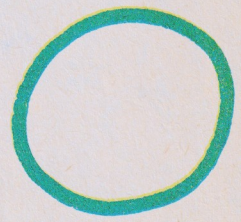
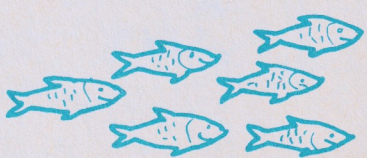
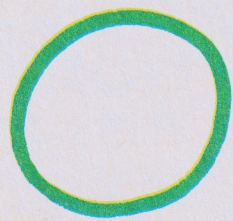
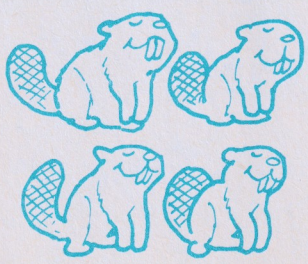
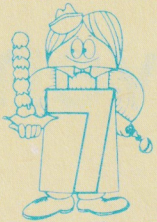
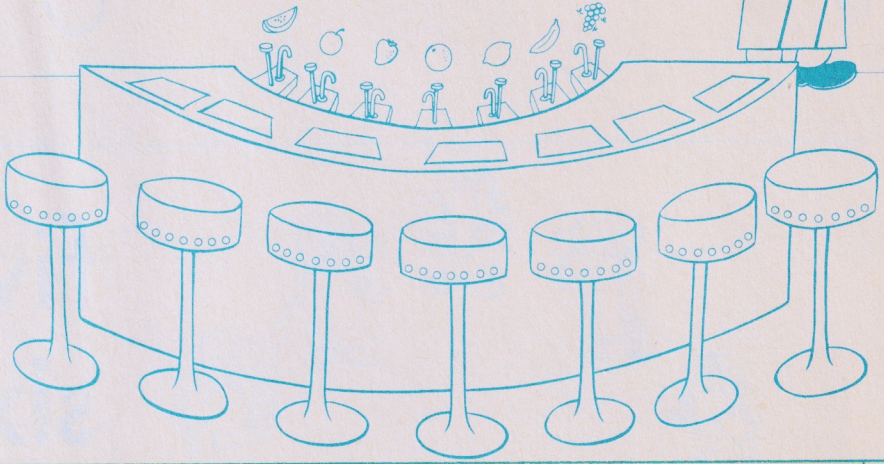
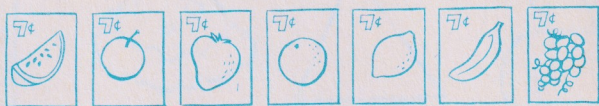
	two
	six
	one
	five
	three
	four

3	
4	
5	
6	

NAME _____



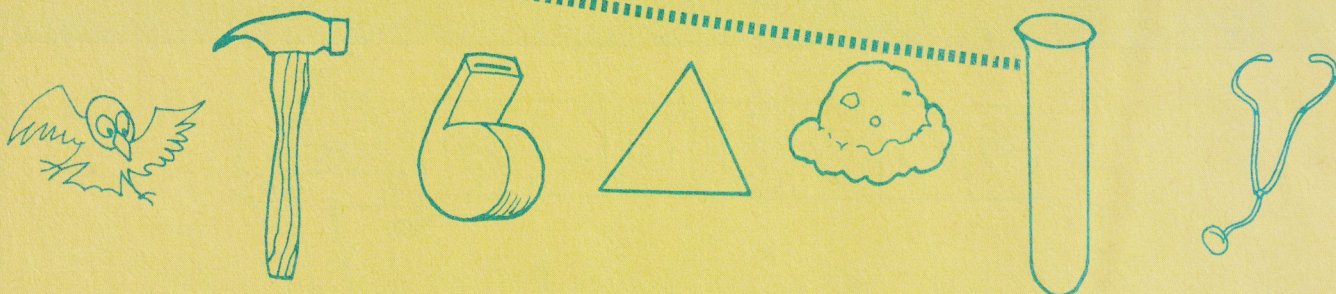
7 seven 7th



NAME _____



1st 2nd 3rd 4th 5th 6th 7th

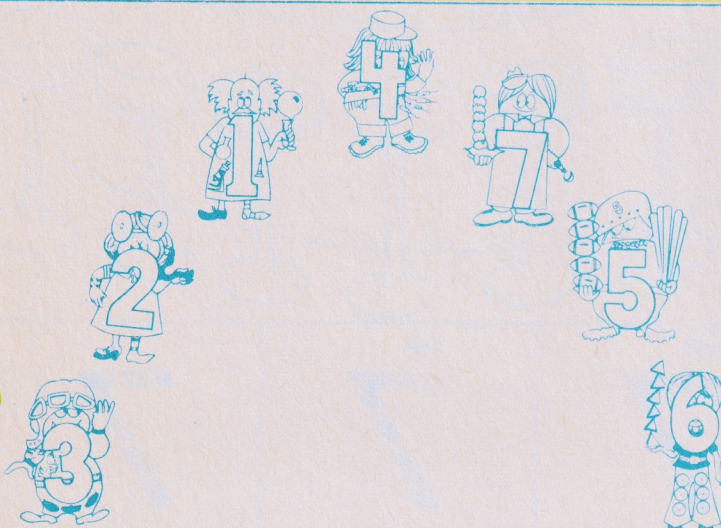


one

two

three

four

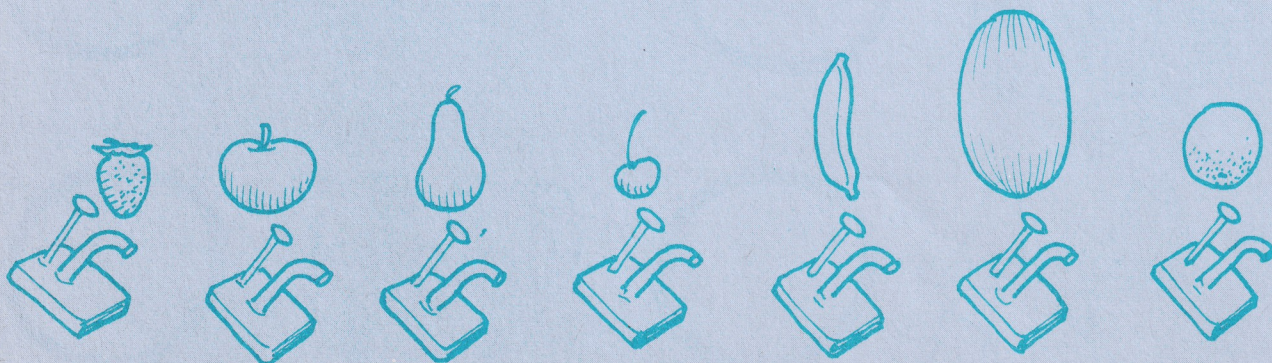


five

six

seven

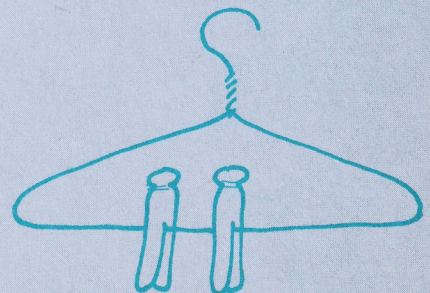
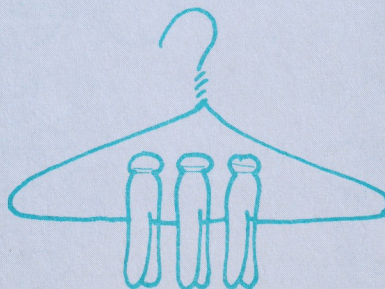
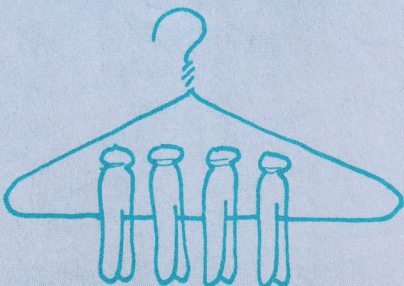
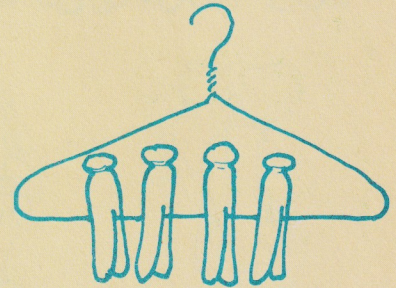
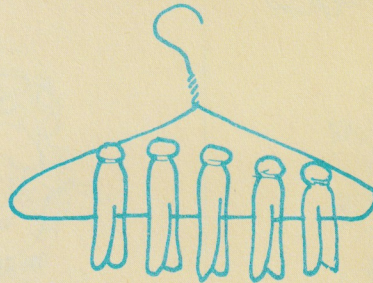
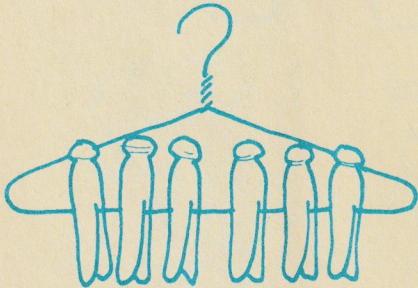
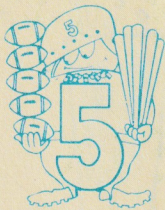
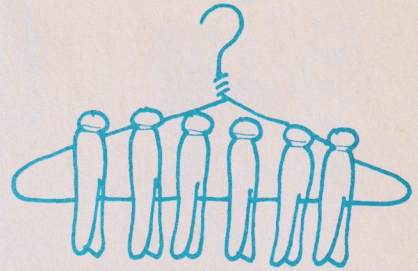
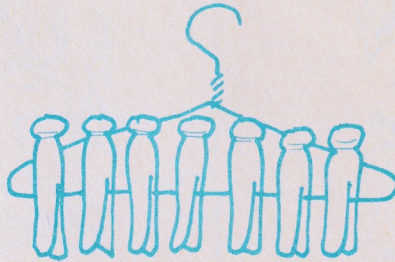
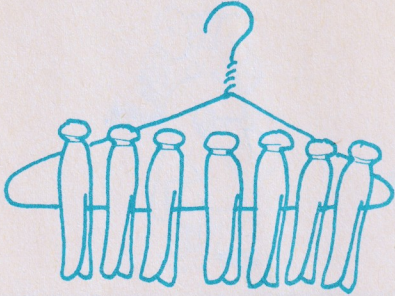
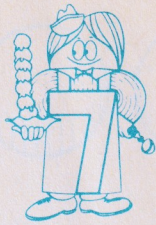
1st 2nd 3rd 4th 5th 6th 7th



NAME _____



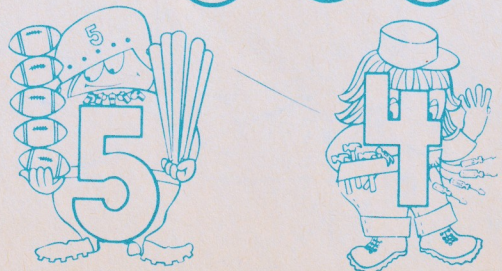
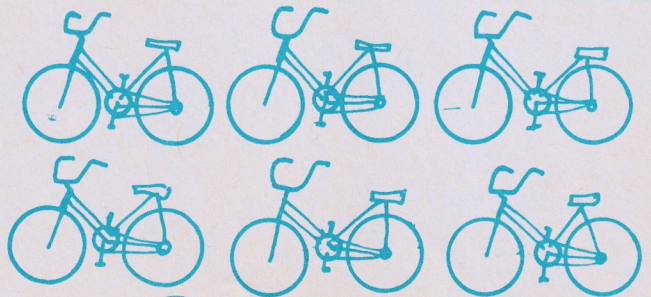
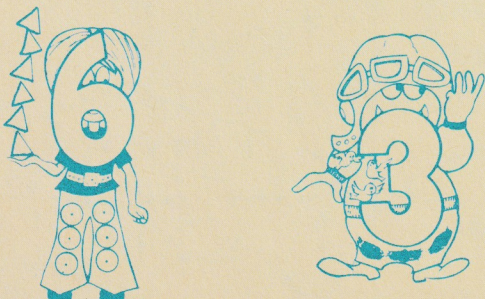
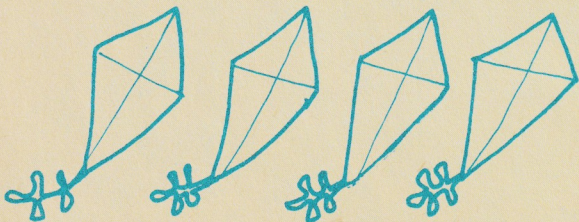
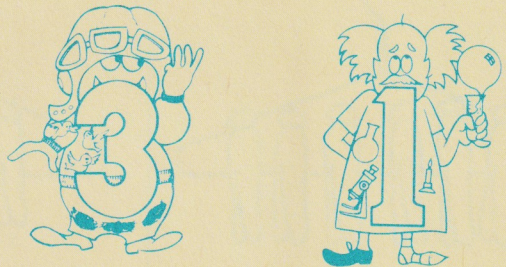
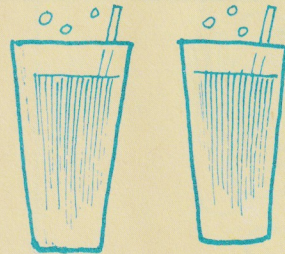
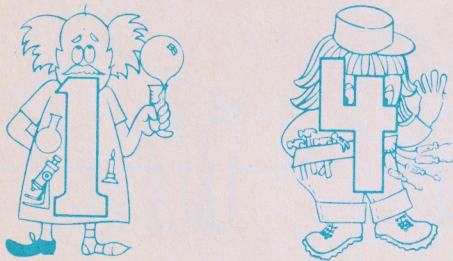
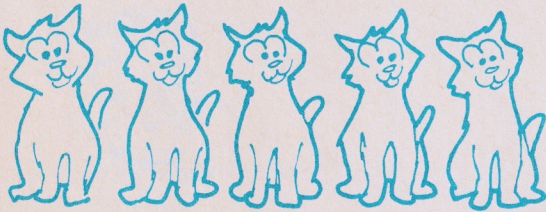
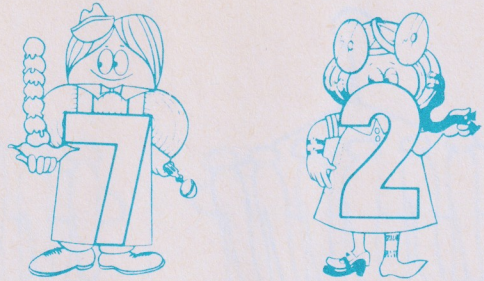
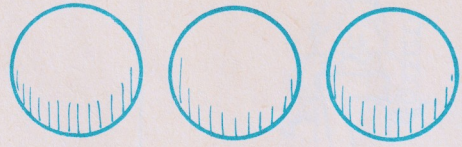
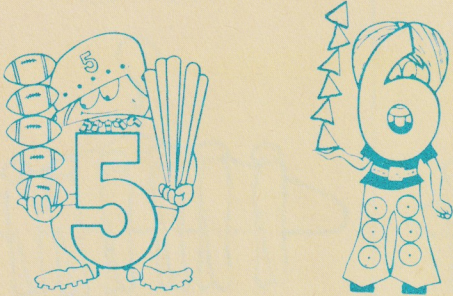
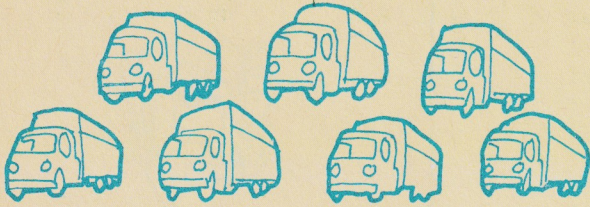
one less



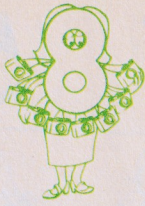
NAME _____



one less



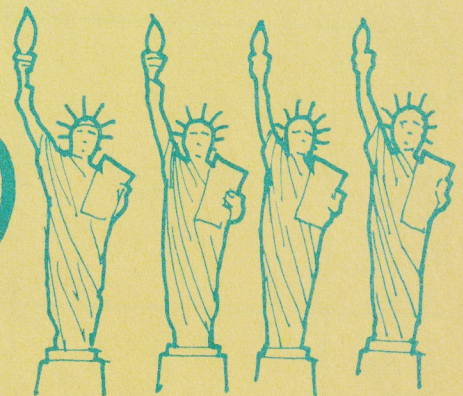
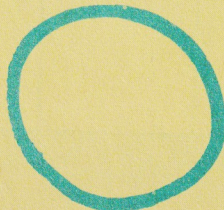
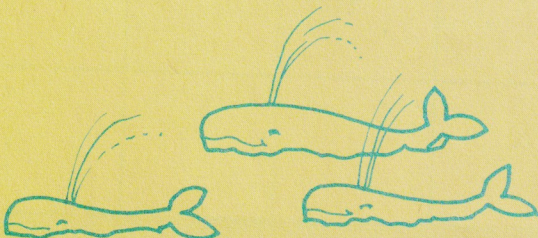
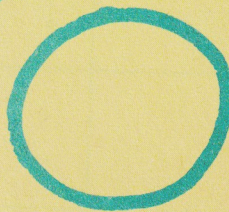
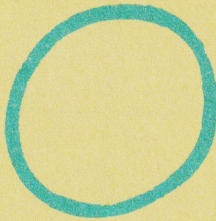
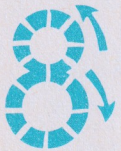
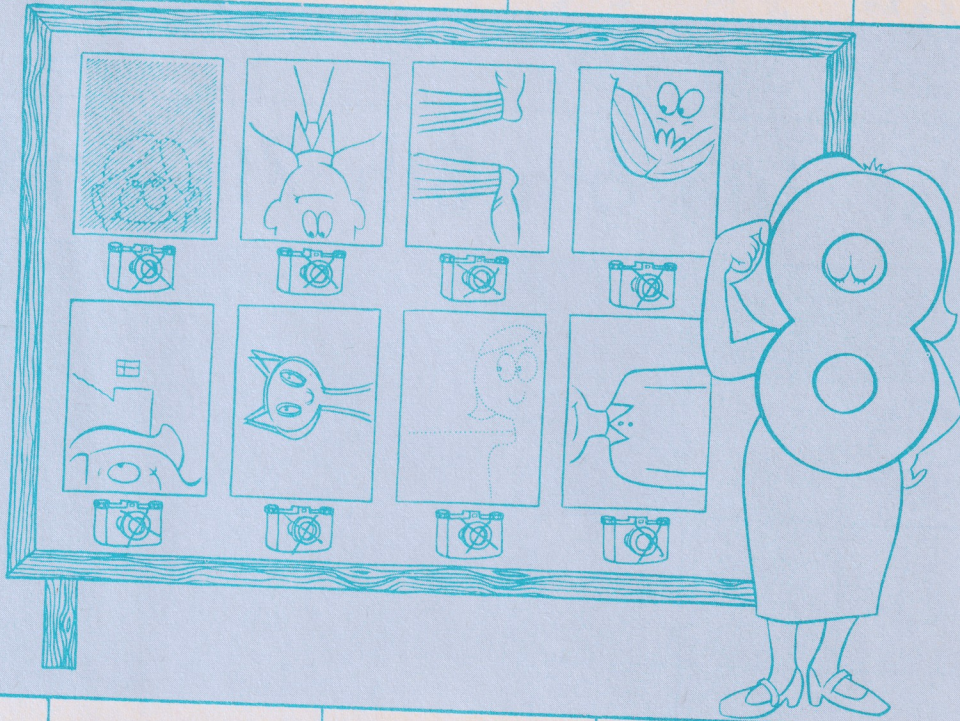
NAME _____



8

eight

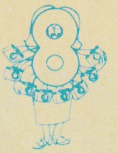
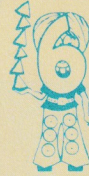
8th



NAME _____



3 4 1 2 8 6 7 5



3rd 1st 4th 6th 8th 7th 2nd 5th



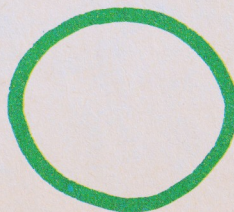
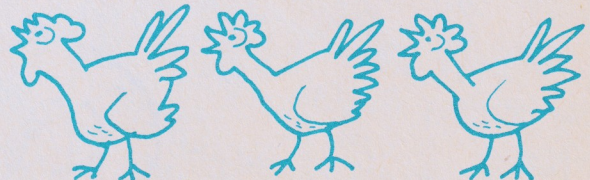
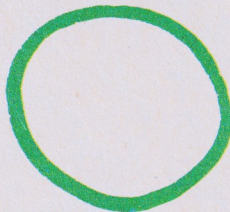
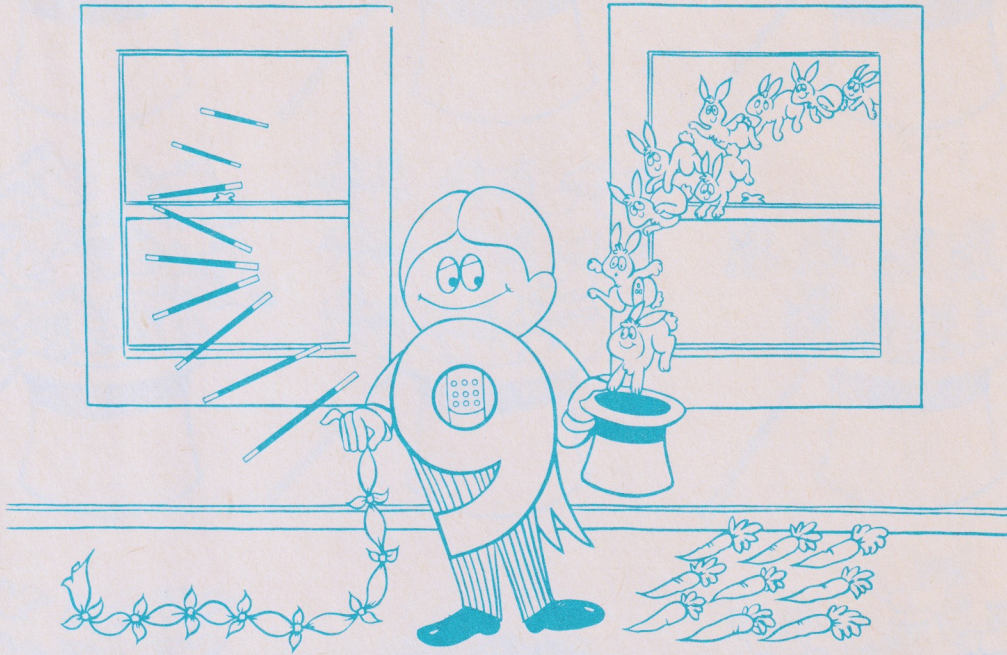
NAME _____



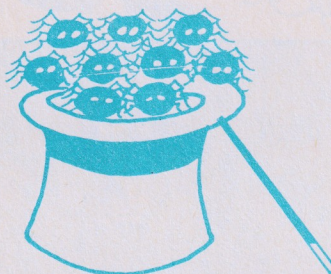
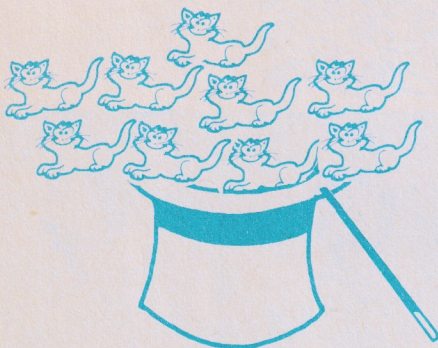
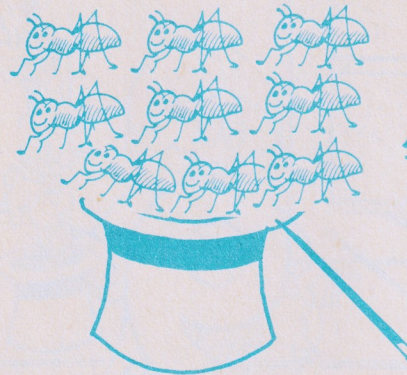
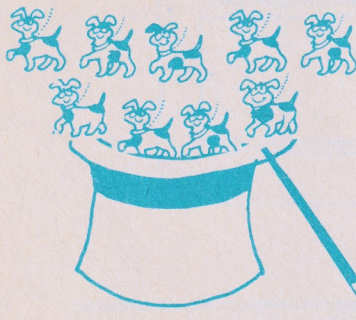
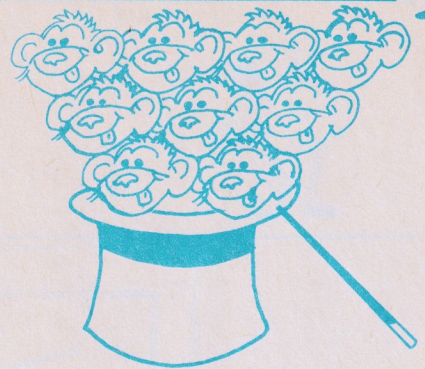
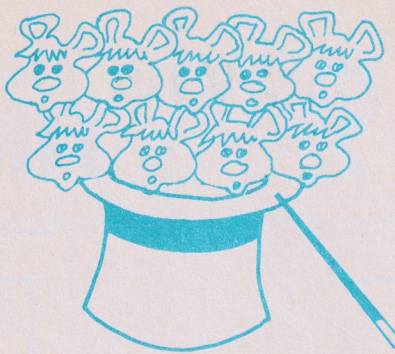
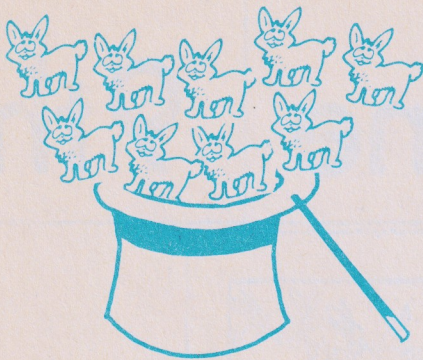
9

nine

9th



NAME _____



two •

four •

six •

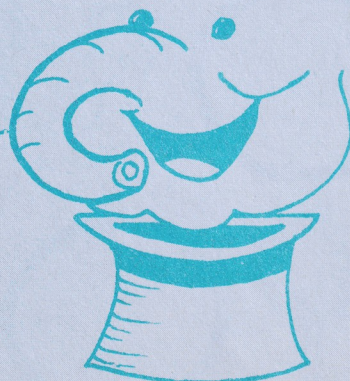
three •

five •

one •

eight •

seven •

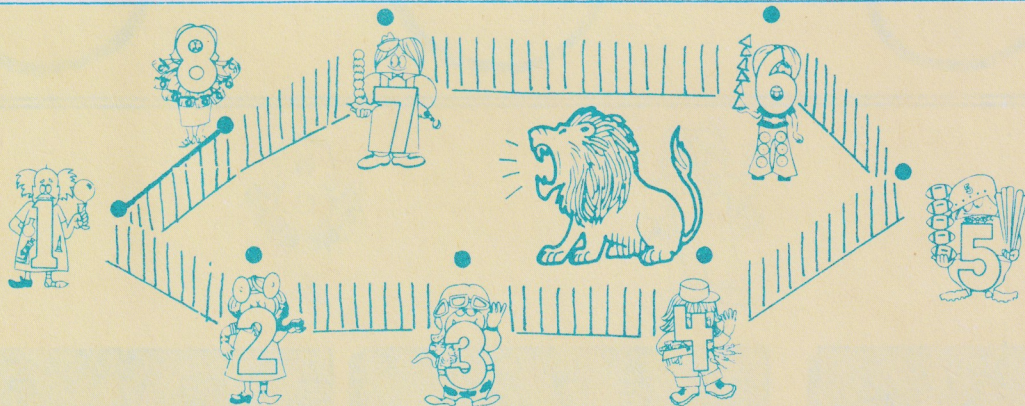
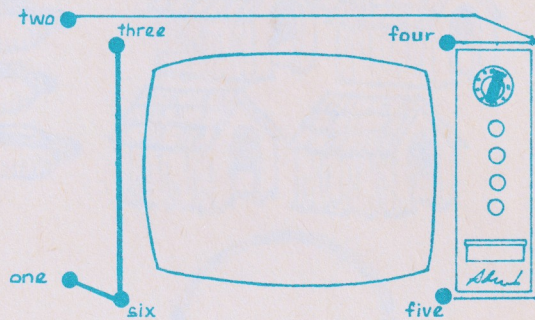
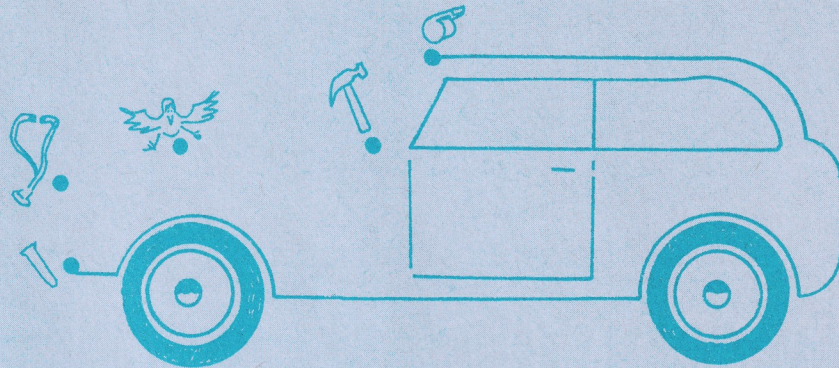


NAME _____



review

#1

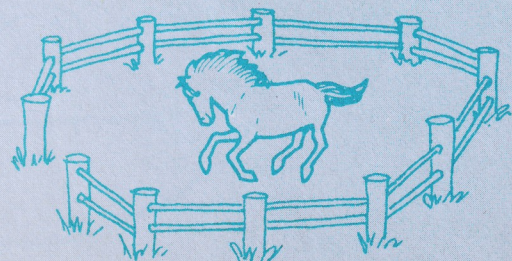
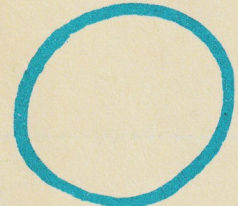
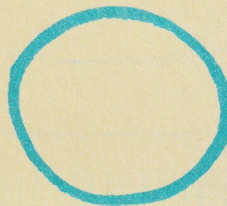
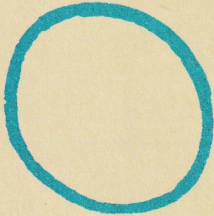
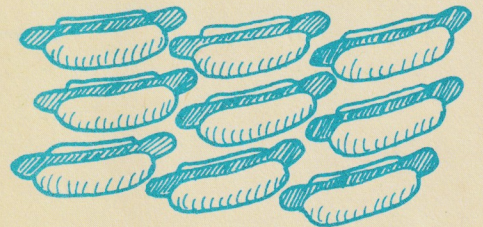
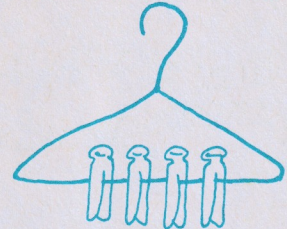
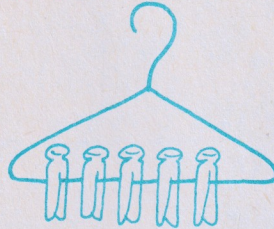
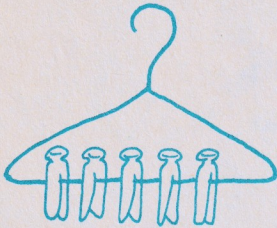


NAME _____



review

#1

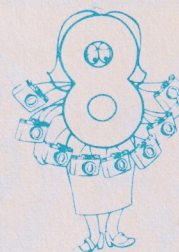
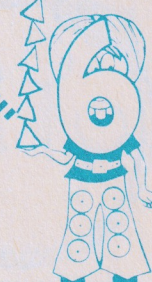
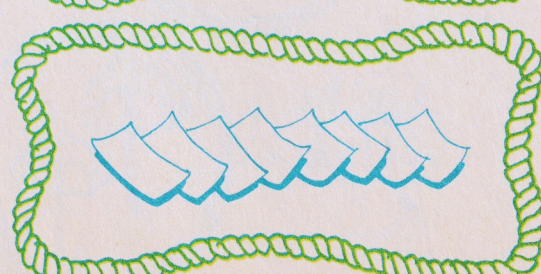
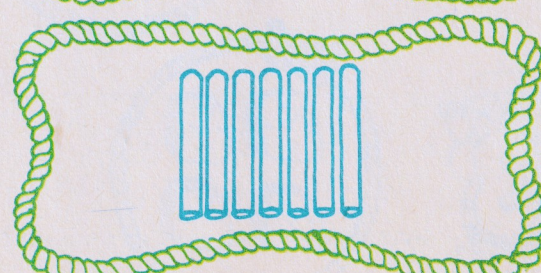
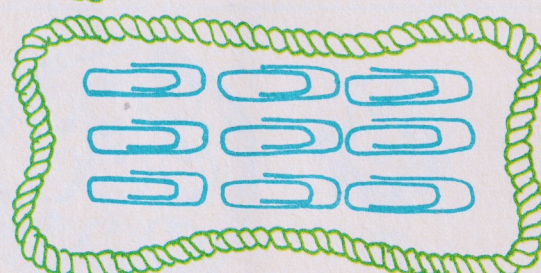
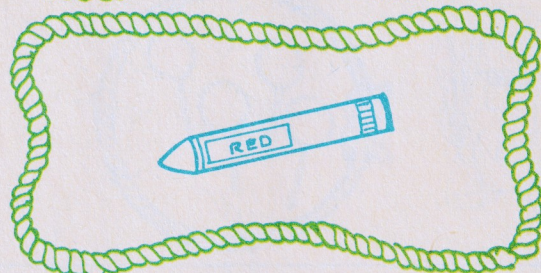
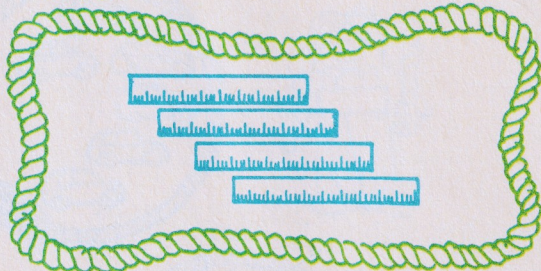
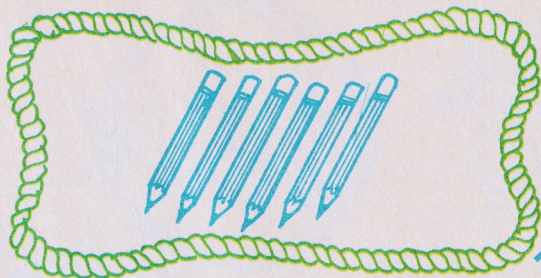


NAME _____



groups with like members

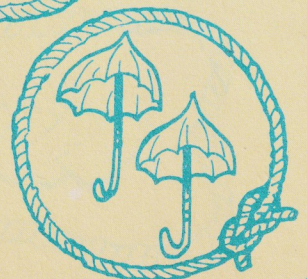
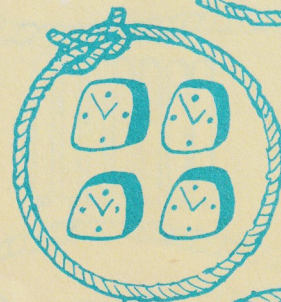
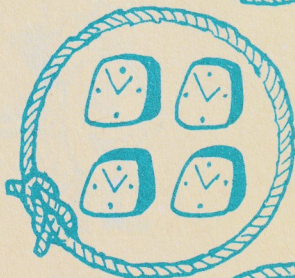
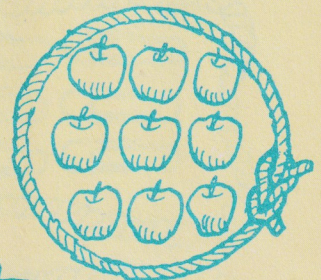
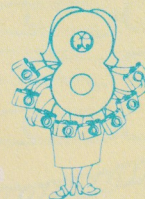
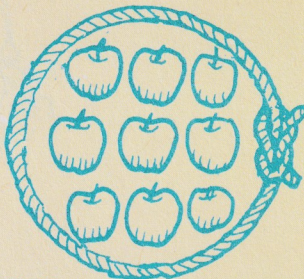
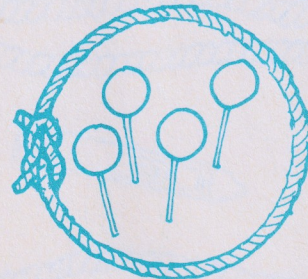
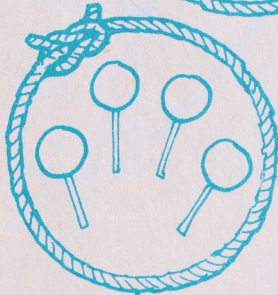
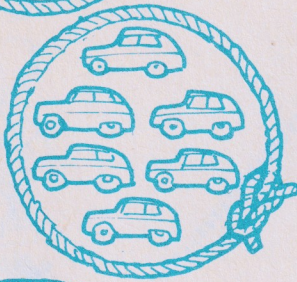
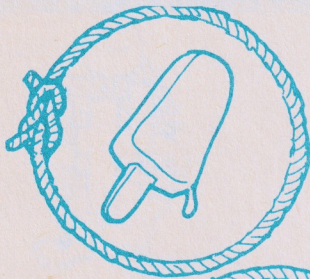
#1



NAME _____



groups with like members #2

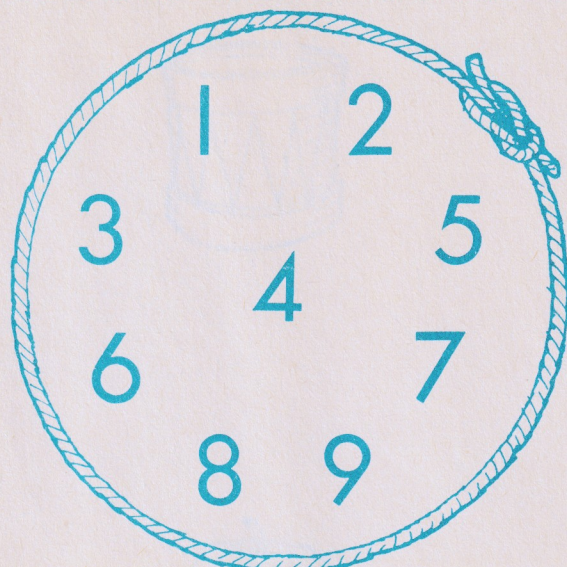


NAME _____



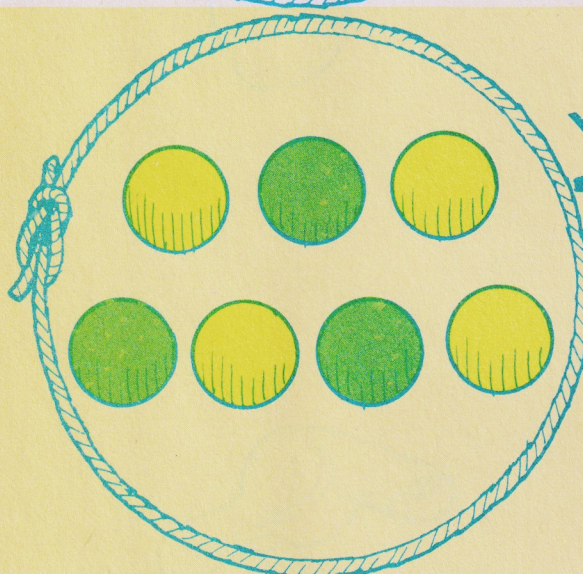
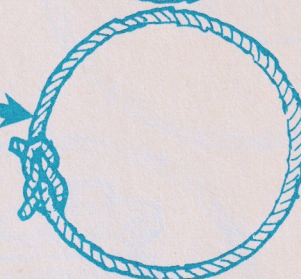
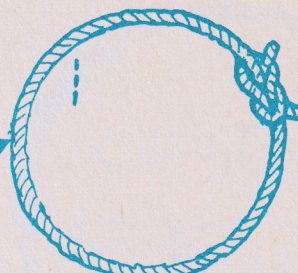
groups with unlike members

#1



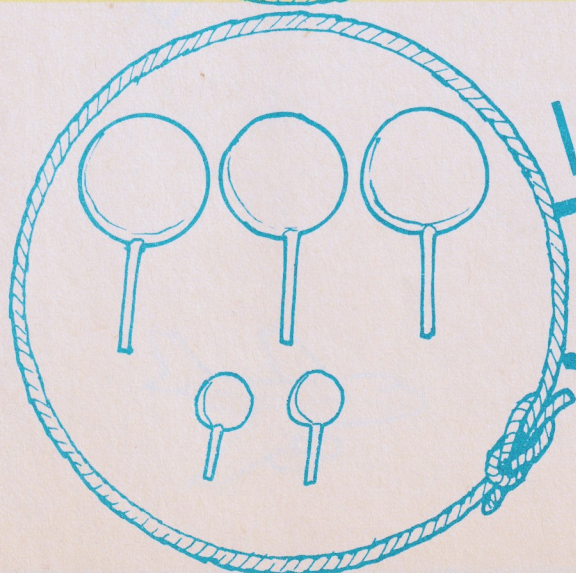
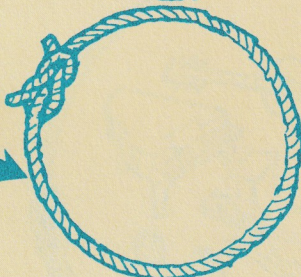
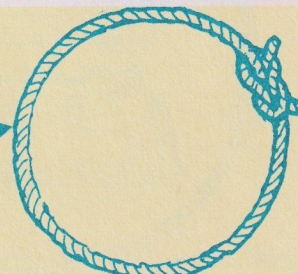
odd

even



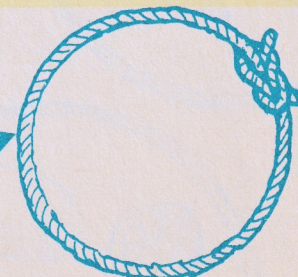
yellow

green



large

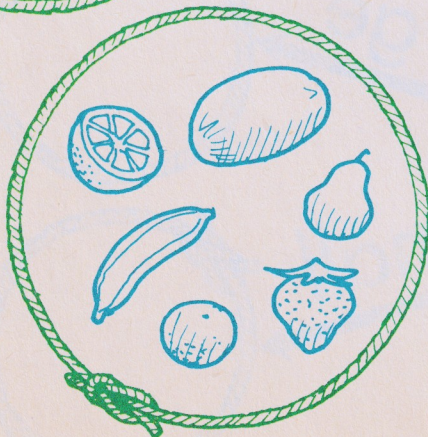
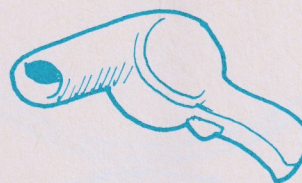
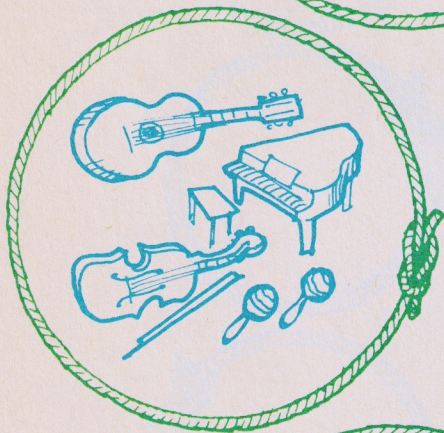
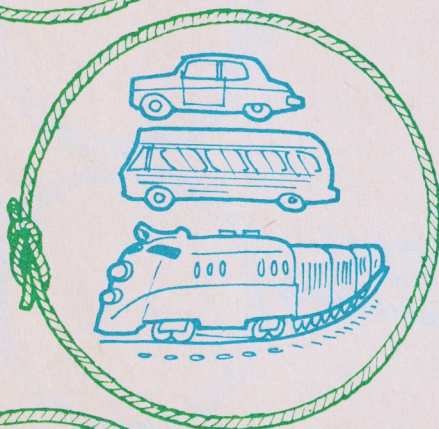
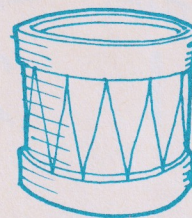
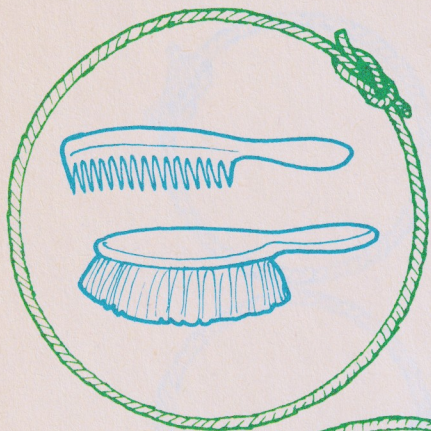
small



NAME _____



groups with unlike members #2

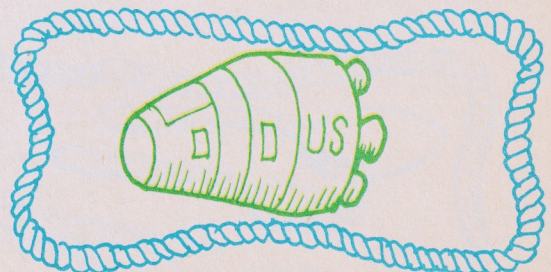
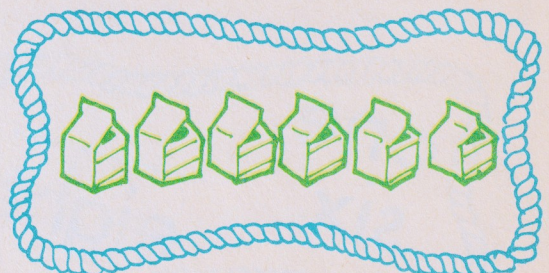
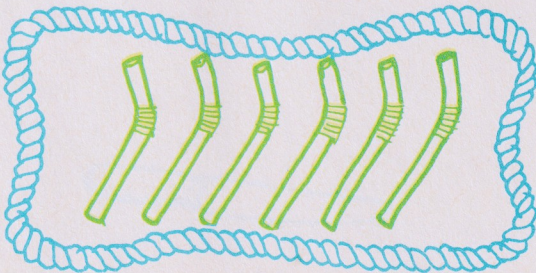
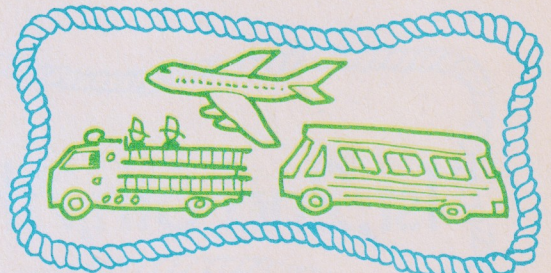
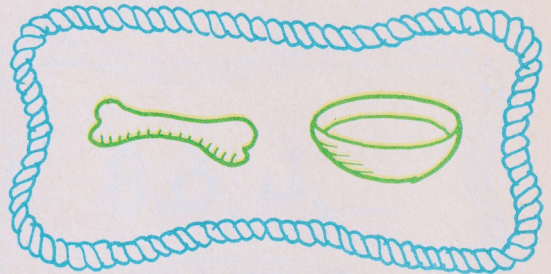
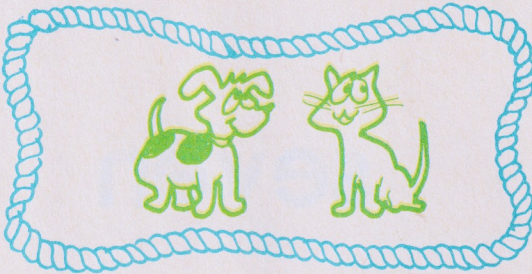


NAME _____



groups that are =

#1



NAME _____



groups that are =

#2

1, 3, —, 7, 9

9th

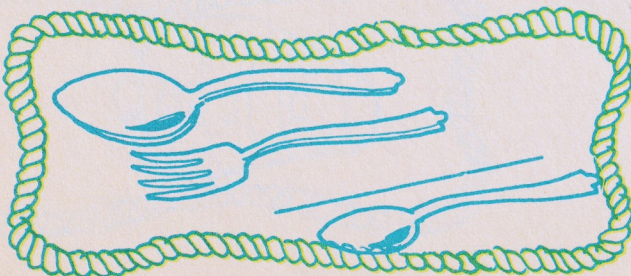
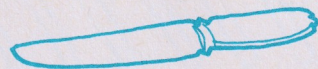
—, 4, 6, 8

seven

1st, 2nd, 6th, 7th, —

5

one
six eight



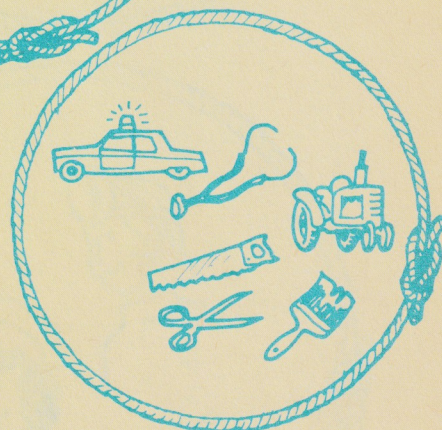
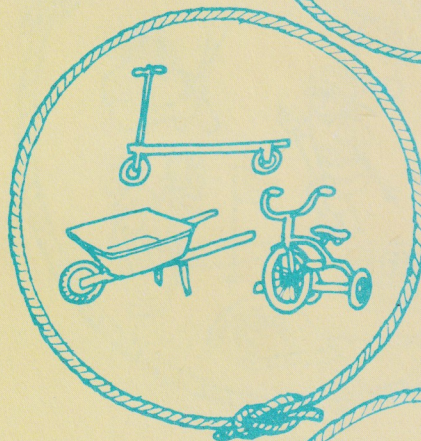
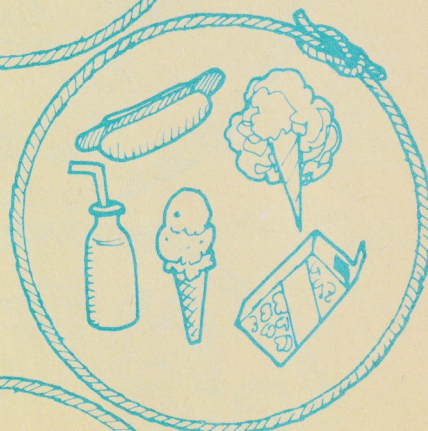
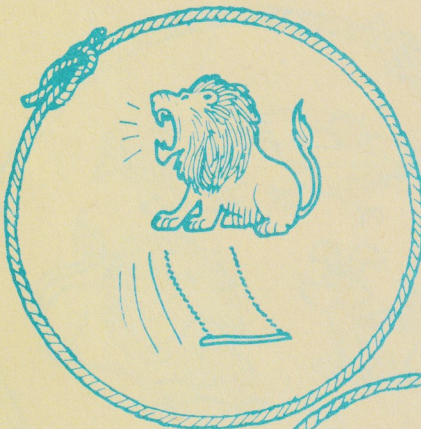
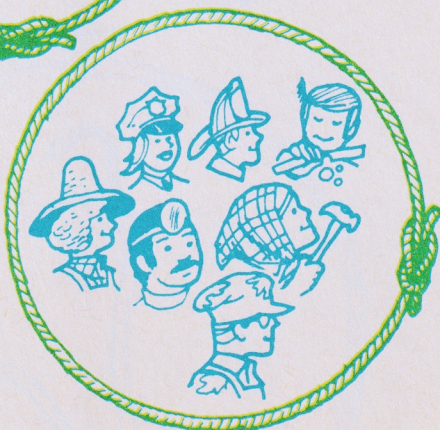
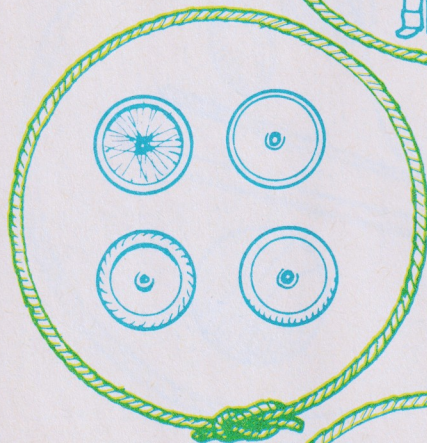
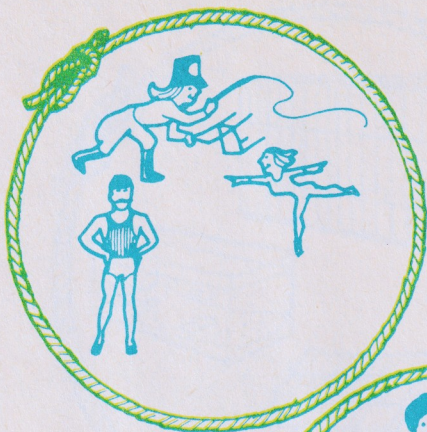
2

NAME _____



groups that are $\neq$

#1

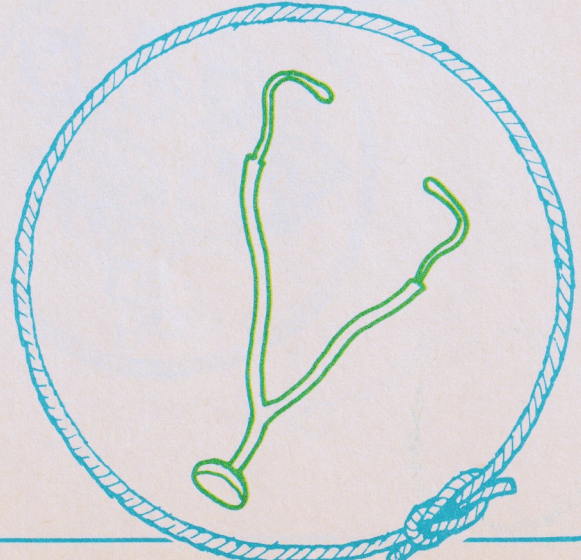
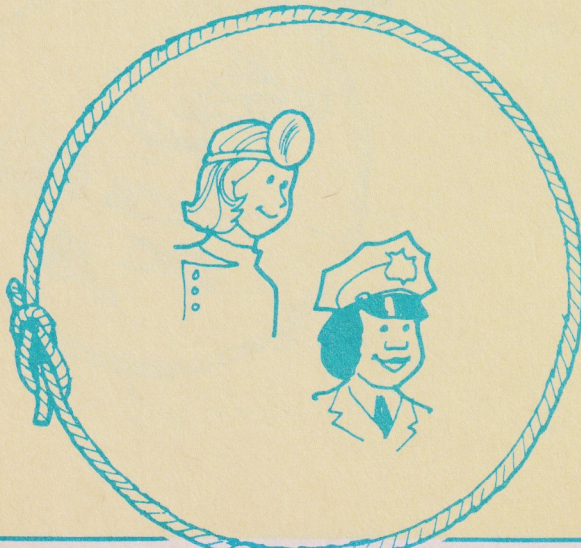
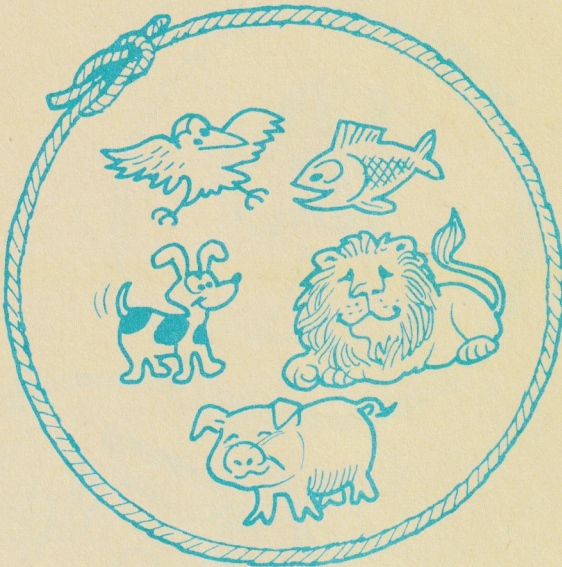


NAME _____



groups that are $\neq$

#2



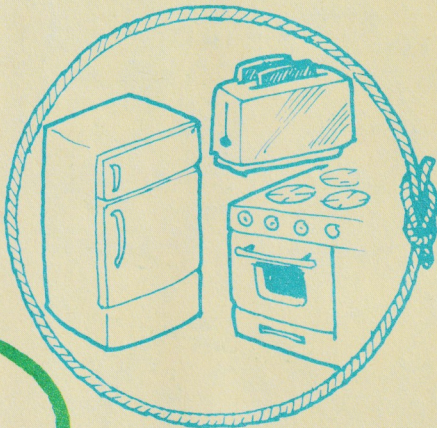
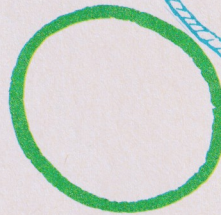
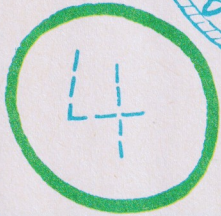
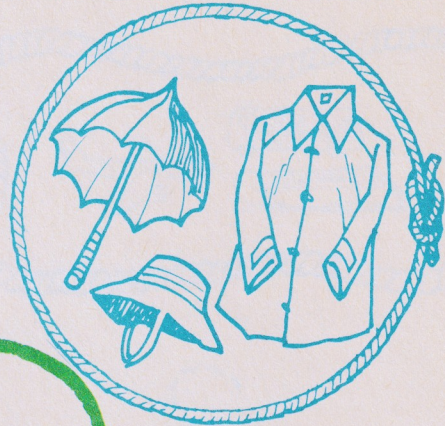
NAME _____



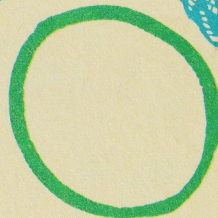
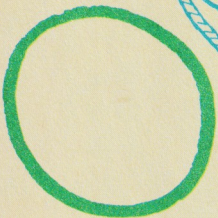
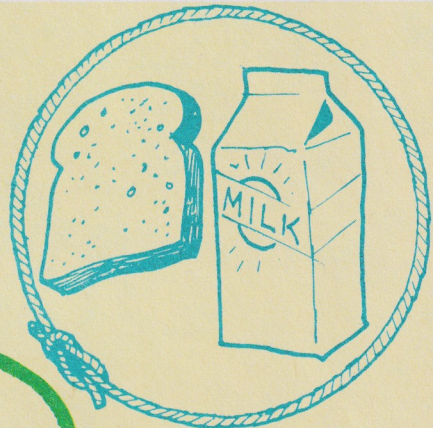
= ≠ >



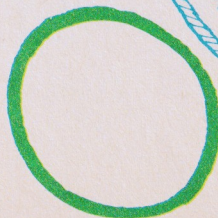
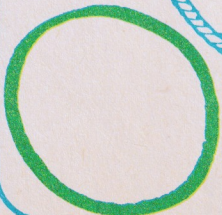
=
≠
>



=
≠
>



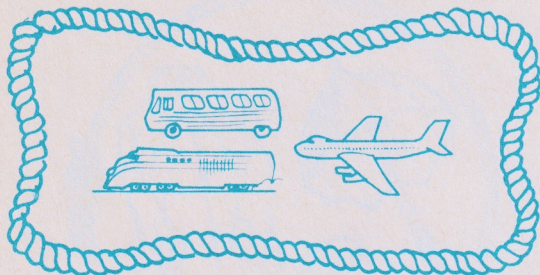
=
≠
>



NAME _____



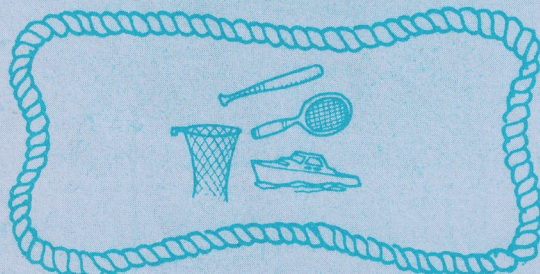
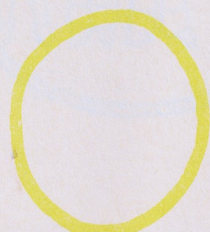
$=, \neq, >, <$



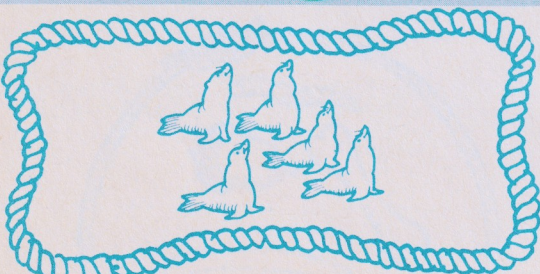
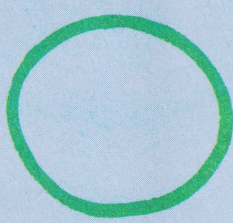
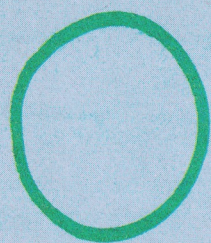
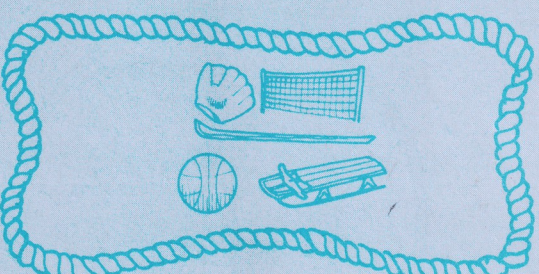
$=$
 $\neq$
 $>$
 $<$



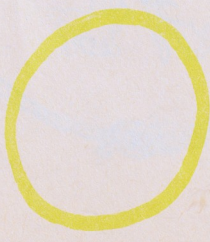
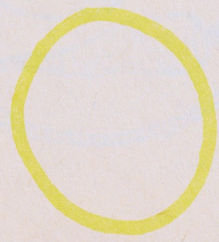
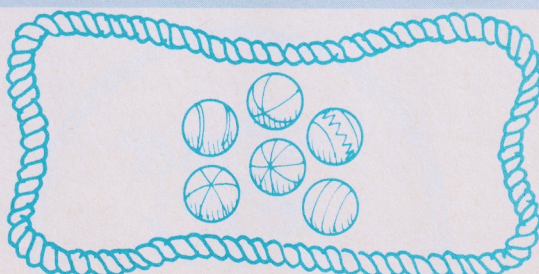
3



$=$
 $\neq$
 $>$
 $<$



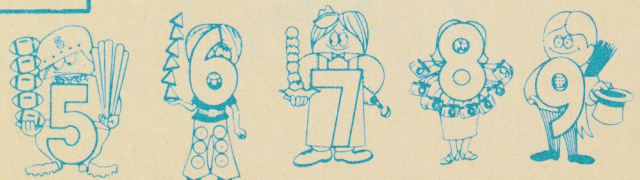
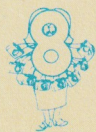
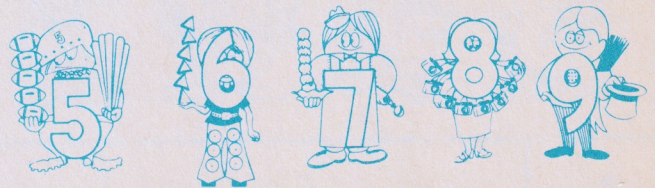
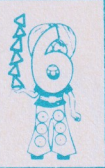
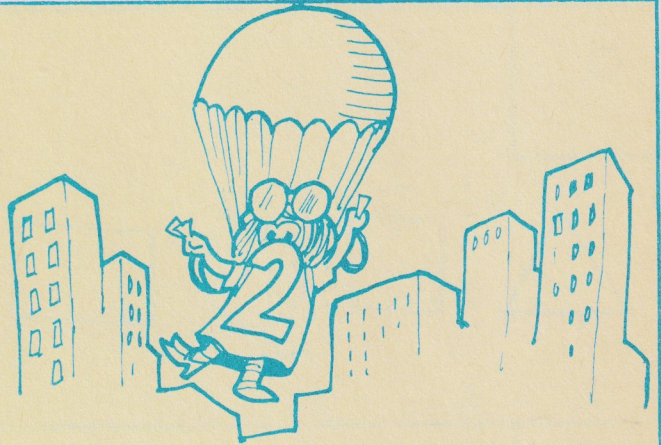
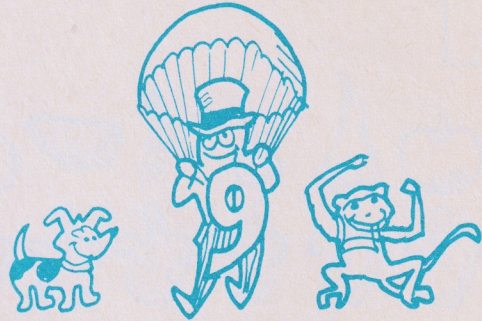
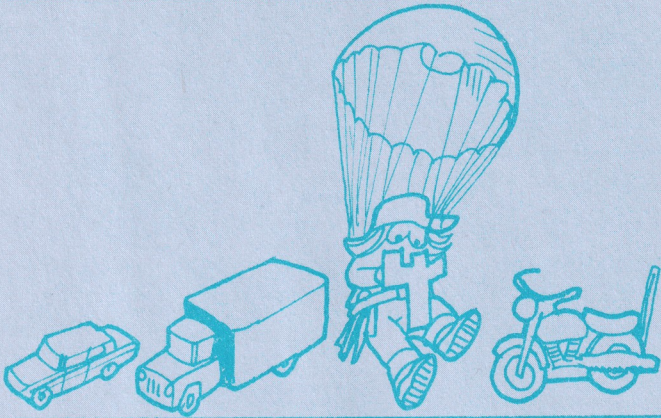
$=$
 $\neq$
 $>$
 $<$



NAME _____



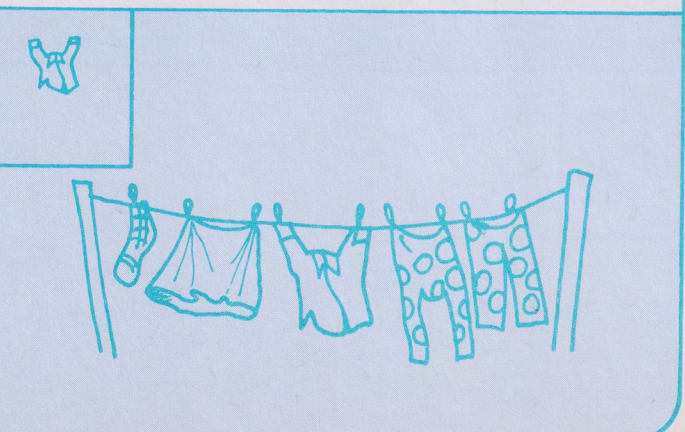
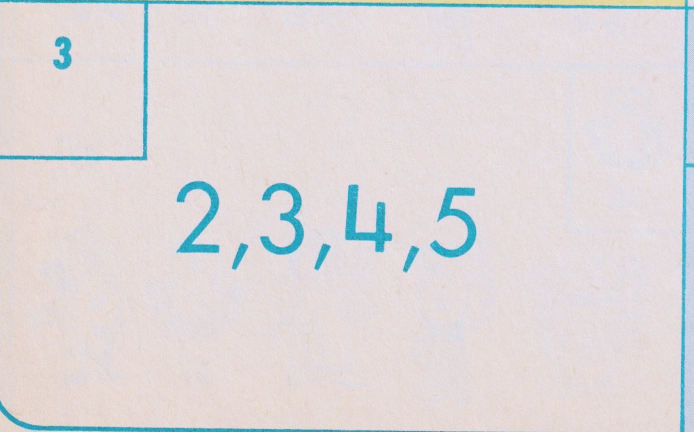
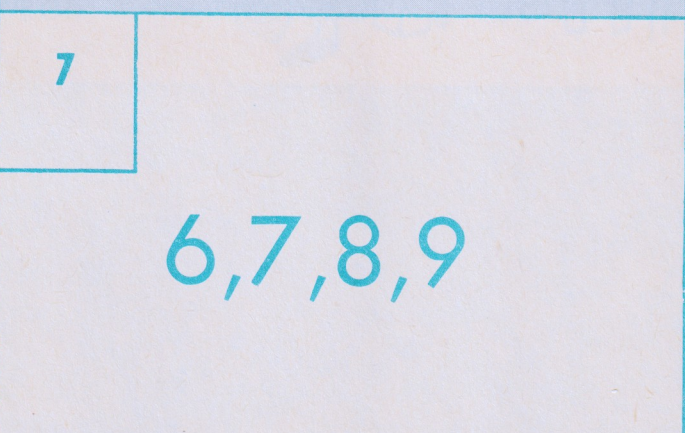
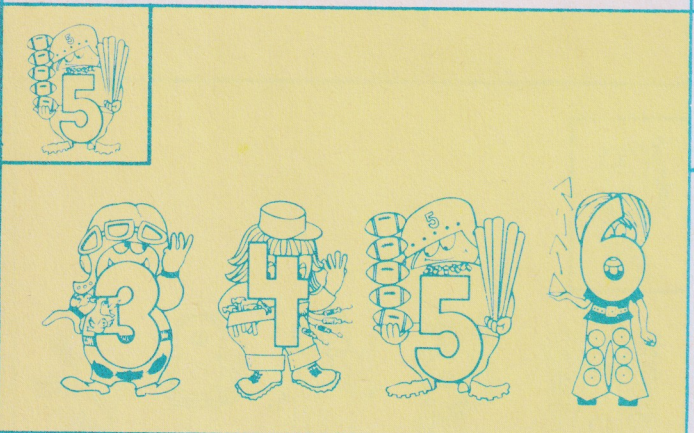
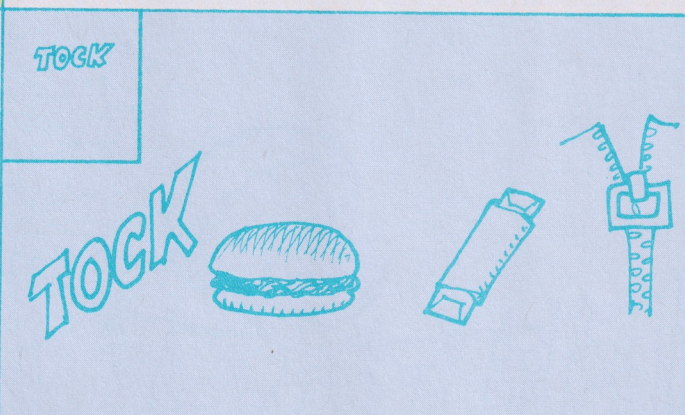
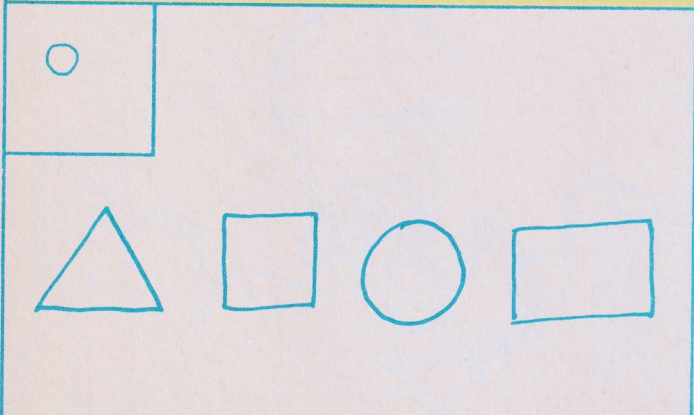
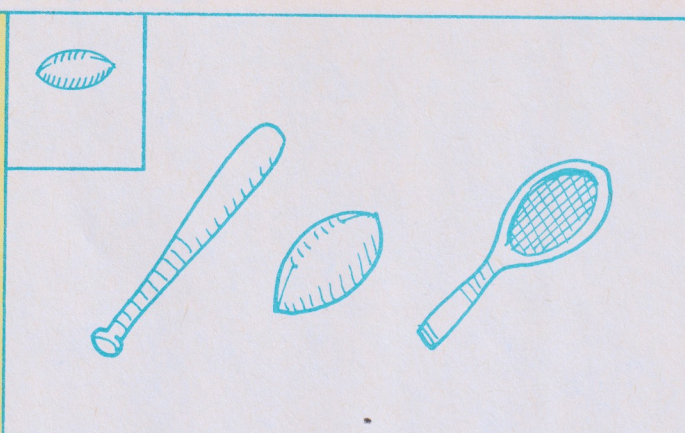
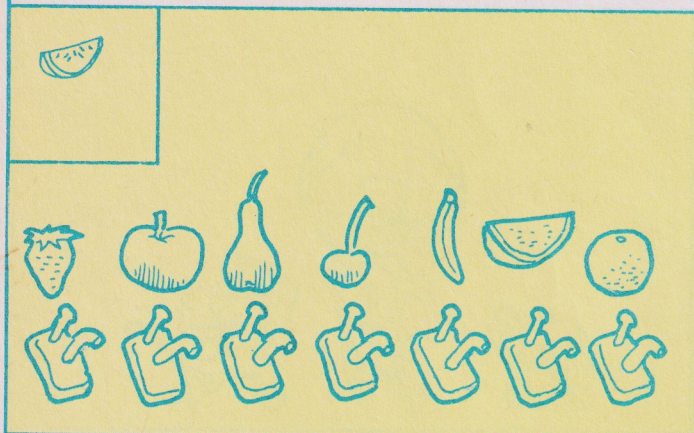
between



NAME _____



after



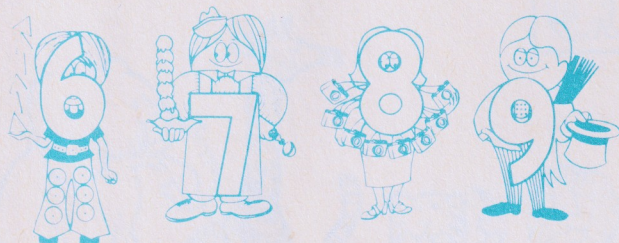
NAME _____



before



4



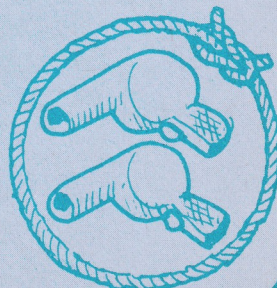
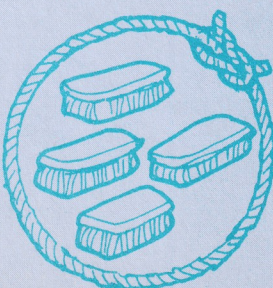
2,3,4,5



7



5,6,7,8,9

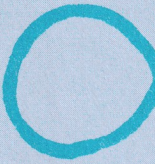


NAME _____



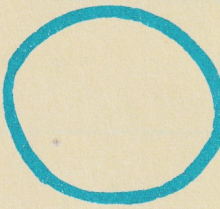
between, after, before

6  8

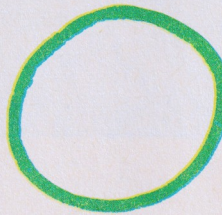
3  5

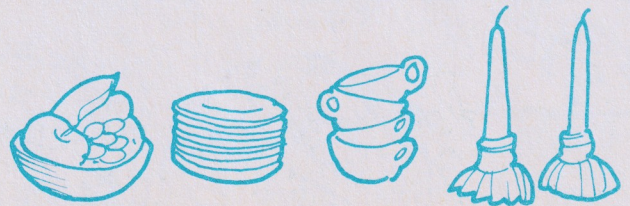
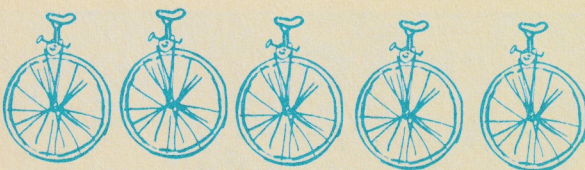
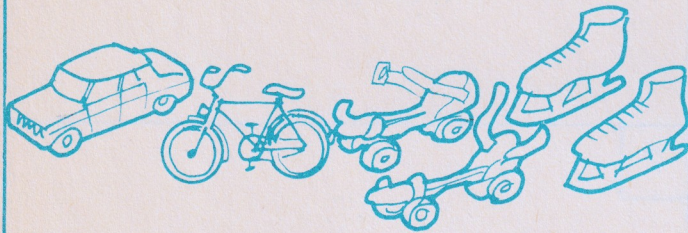
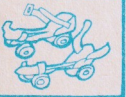
7  9

even

2 4  8

odd

1 3  7 9

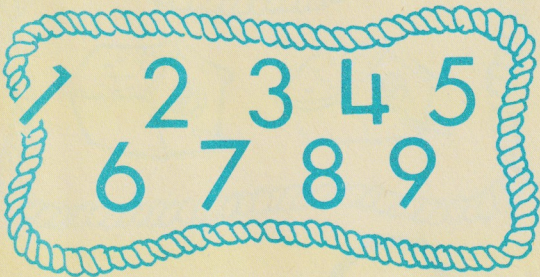


NAME _____

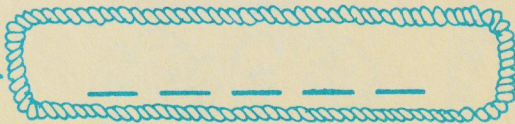


review

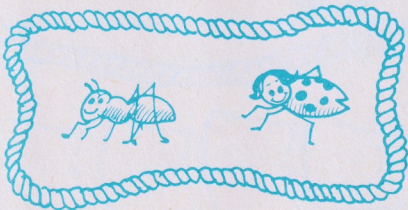
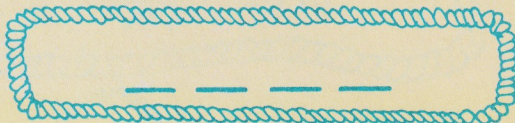
#2



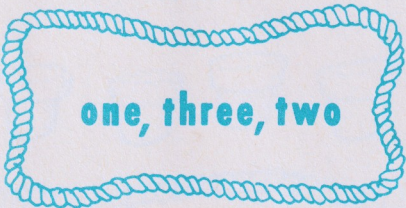
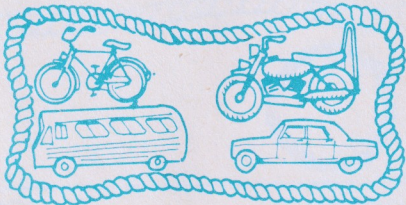
odd



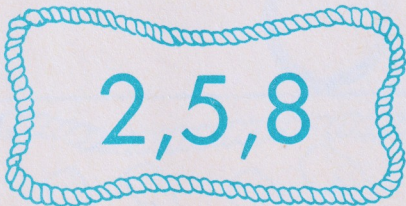
even



four



9

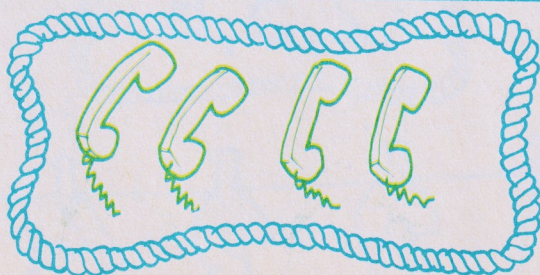
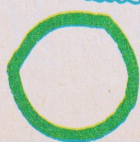
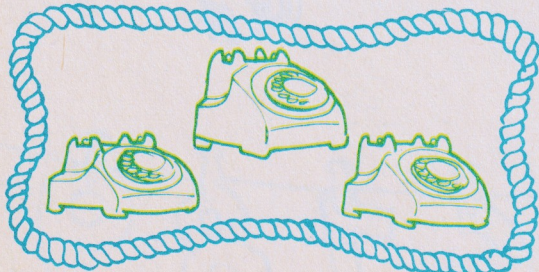
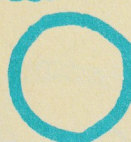
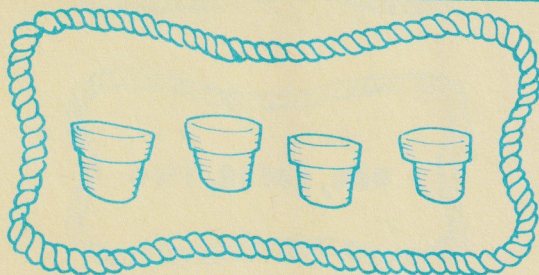
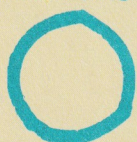
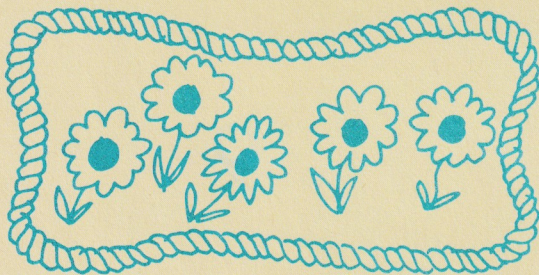
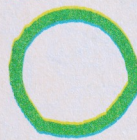
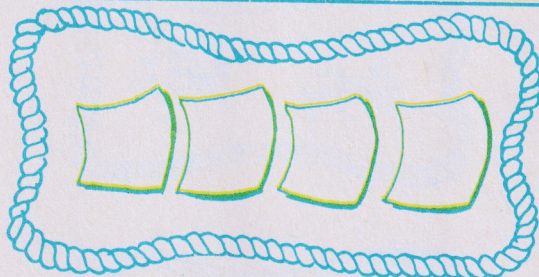
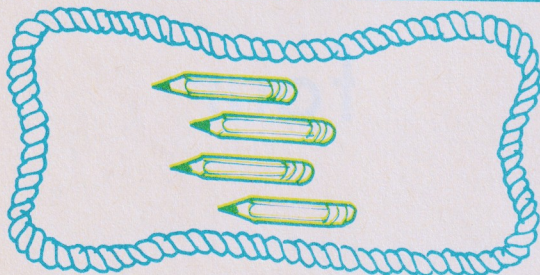
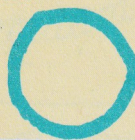
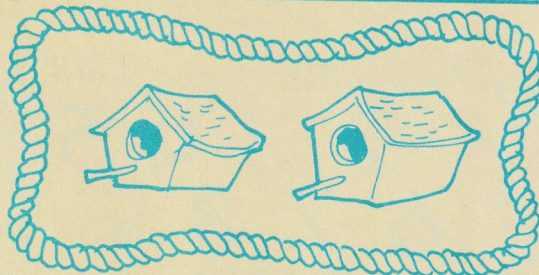
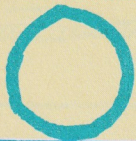


NAME _____



review #2

=, ≠, >, <



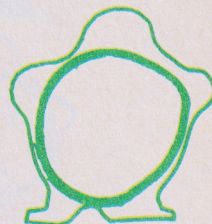
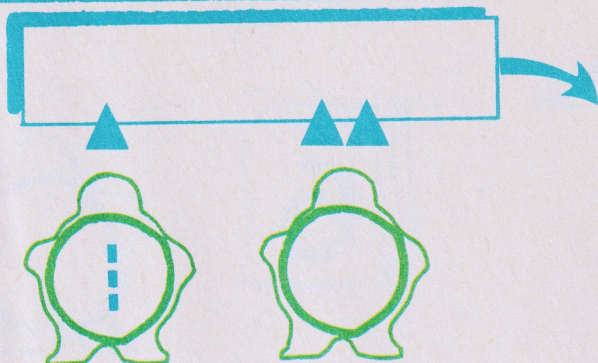
NAME _____



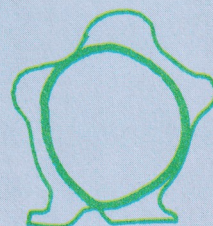
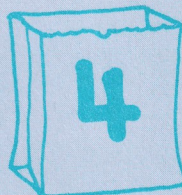
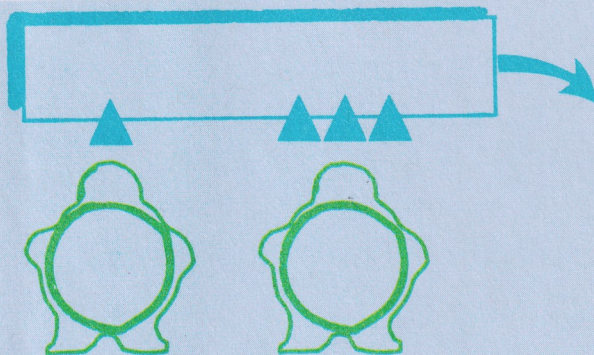
#1

addition

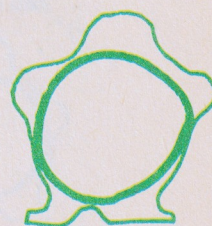
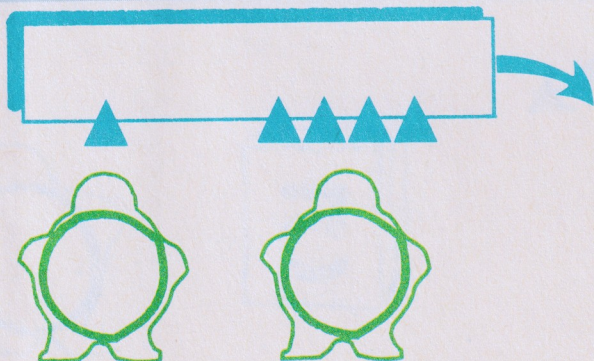
ONE



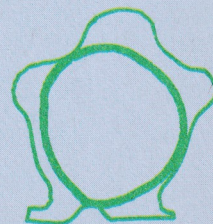
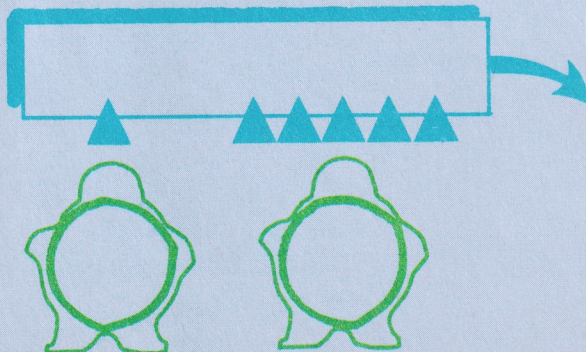
TWO



THREE



FOUR

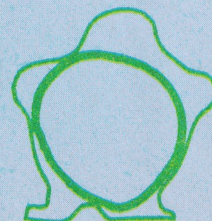
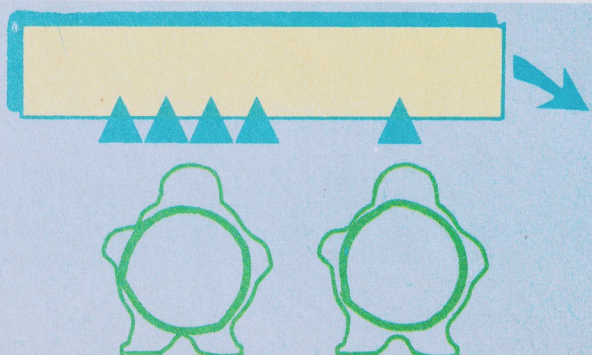
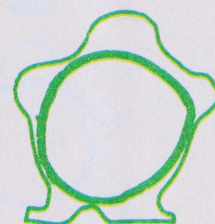
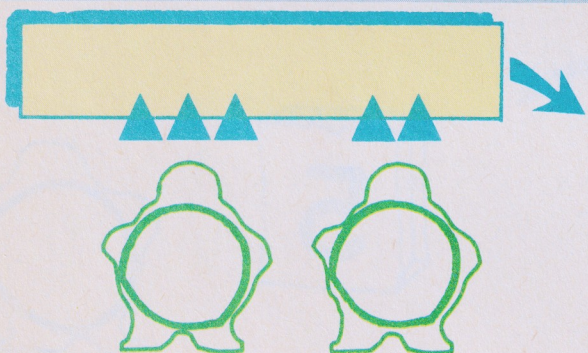
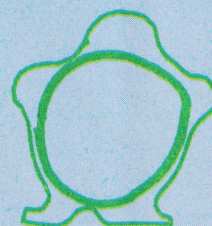
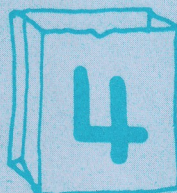
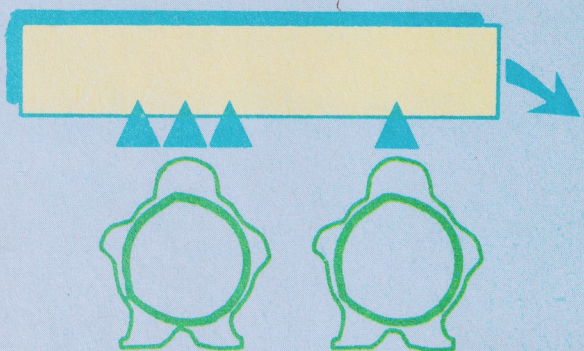
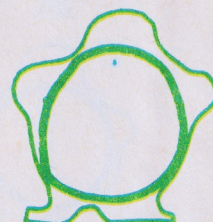
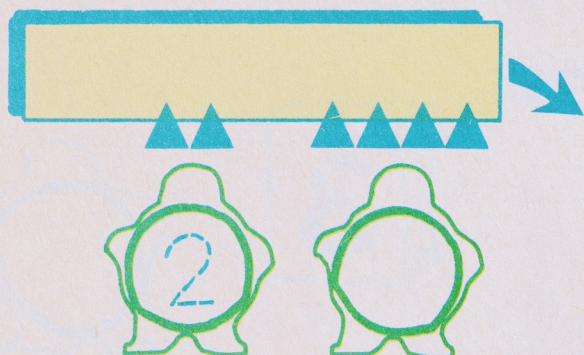


NAME _____



#1

addition



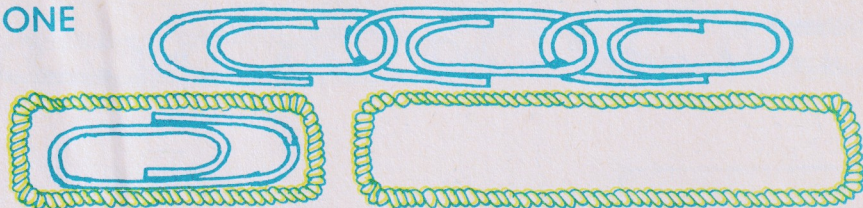
NAME _____



addition

#2

ONE



1

2



TWO

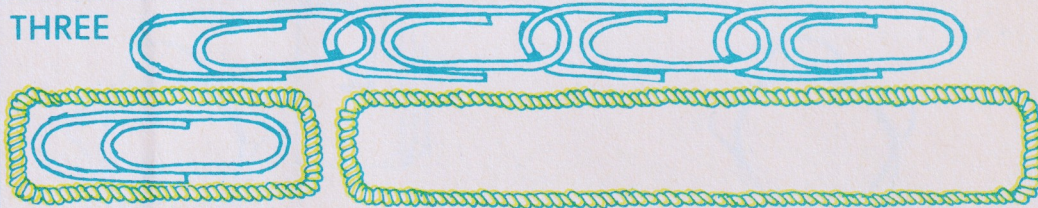


2

0



THREE



1

0



FOUR



3

0



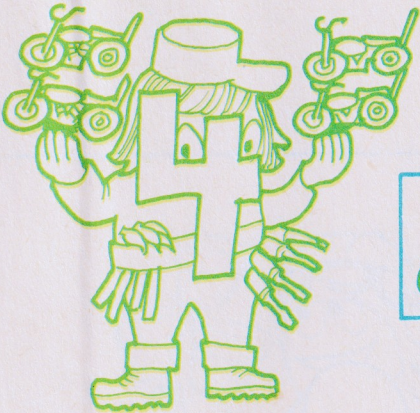
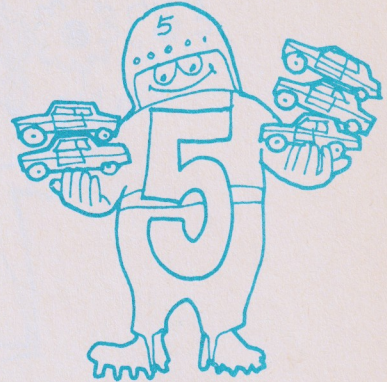
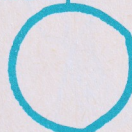
NAME _____



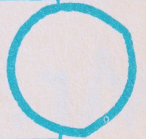
#3

addition

$$2 + 3 =$$



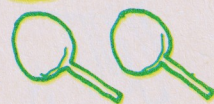
$$\bigcirc + \bigcirc =$$



$$\bigcirc + \bigcirc =$$

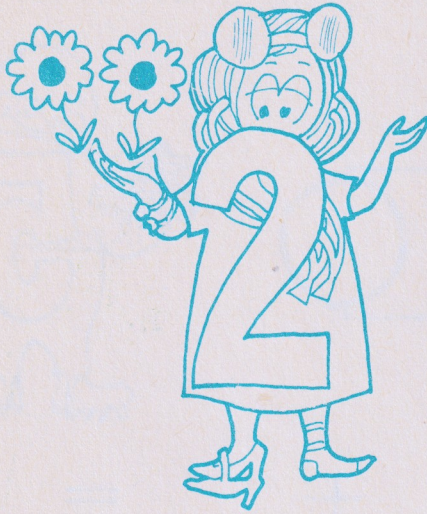


$$\bigcirc + \bigcirc =$$





addition



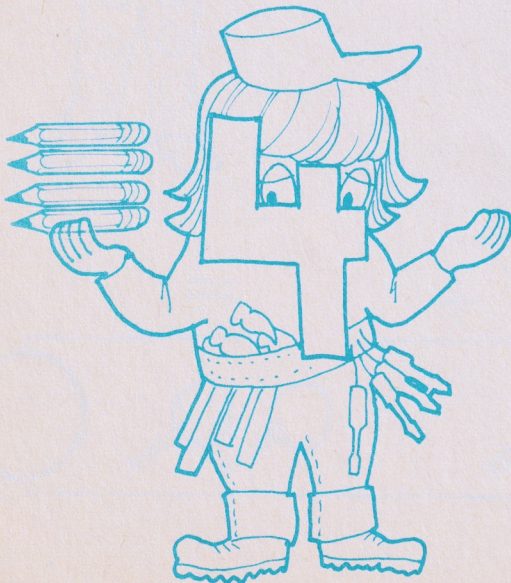
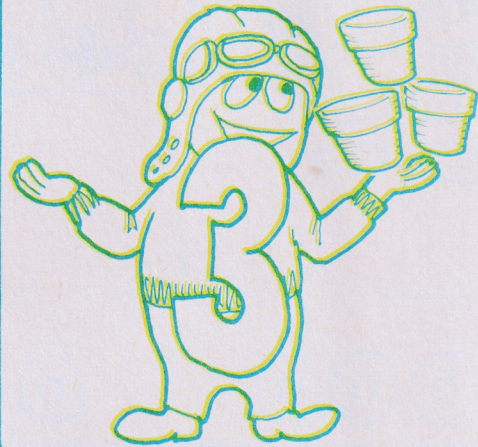
Ms. 2's chart

$$1 + 1 = 2$$

Mr. 3's chart

$$1 + 2 = 3$$

$$2 + 1 = \bigcirc$$



Ms. 4's chart

$$1 + 3 = 4$$

$$2 + 2 = \bigcirc$$

$$3 + 1 = \bigcirc$$



addition

Mr. 5's chart

$$1 + 4 = \textcircled{5}$$

$$2 + 3 = \bigcirc$$

$$3 + 2 = \bigcirc$$

$$4 + 1 = \bigcirc$$



Ms. 6's chart

$$1 + 5 = \textcircled{6}$$

$$2 + 4 = \bigcirc$$

$$3 + 3 = \bigcirc$$

$$4 + 2 = \bigcirc$$

$$5 + 1 = \bigcirc$$





NAME _____

number line 1

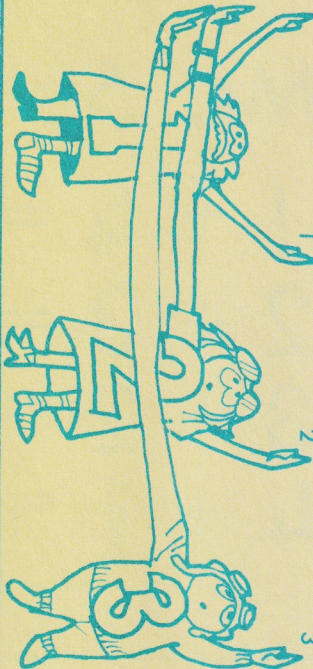
ONE



START

TWO

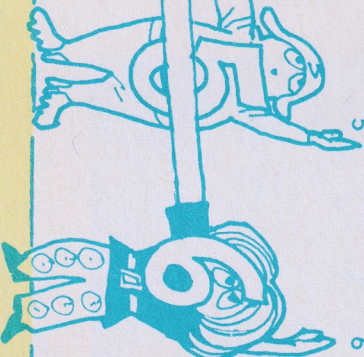
START



THREE



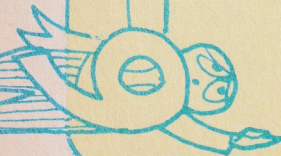
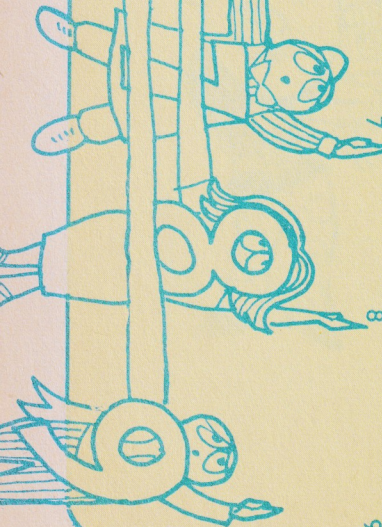
START



FOUR



START





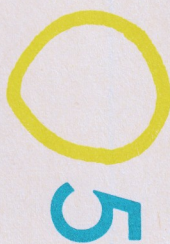
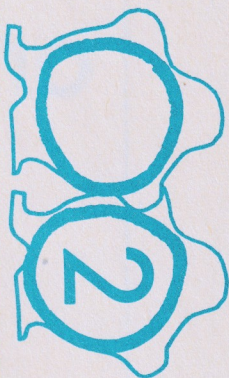
number line

#1

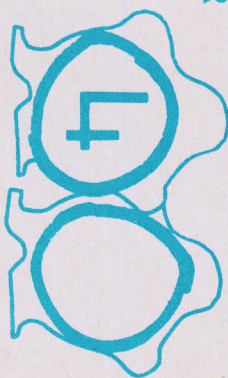


START 1 2 3 4 5 6 7 8 9

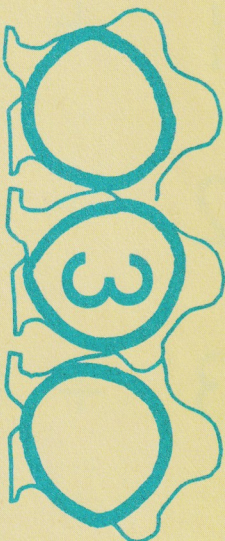
BEFORE



AFTER



BETWEEN



MORE THAN

8 > 7 8 > 2 > 1

LESS THAN

8 < 9 2 < 2 < 2

8 > 8 > 8

2 < 2 < 2

8 >

2 <

NAME _____

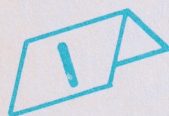
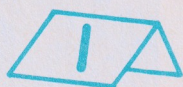
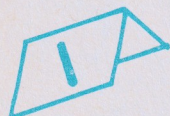
NAME _____



#2

number line

one more chart



$$1 + 1 = 2$$

$$2 + 1 = \bigcirc$$

$$3 + 1 = \bigcirc$$

$$4 + 1 = \bigcirc$$

$$5 + 1 = \bigcirc$$

$$6 + 1 = \bigcirc$$

$$7 + 1 = \bigcirc$$

$$8 + 1 = \bigcirc$$

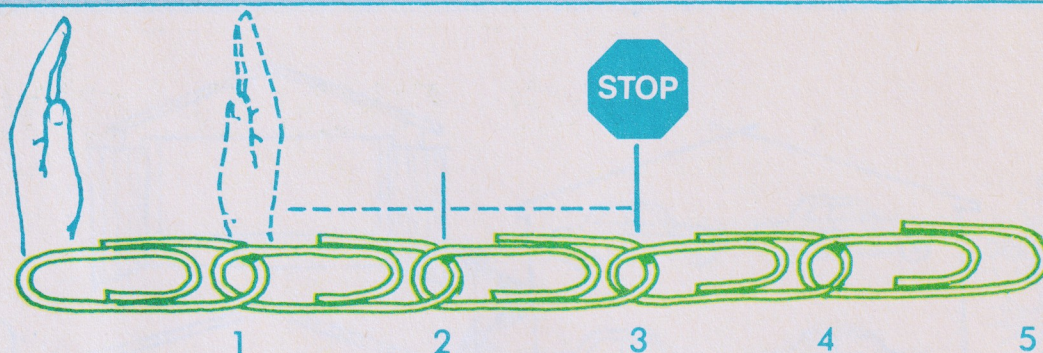
NAME _____



number line

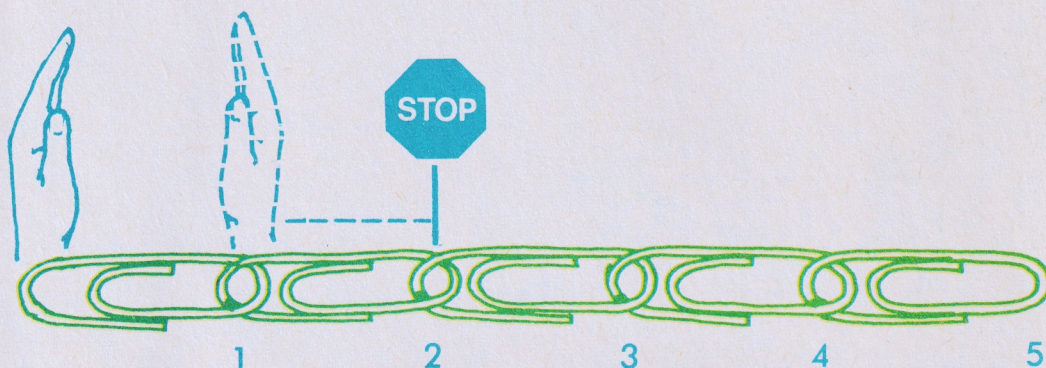
#2

1st



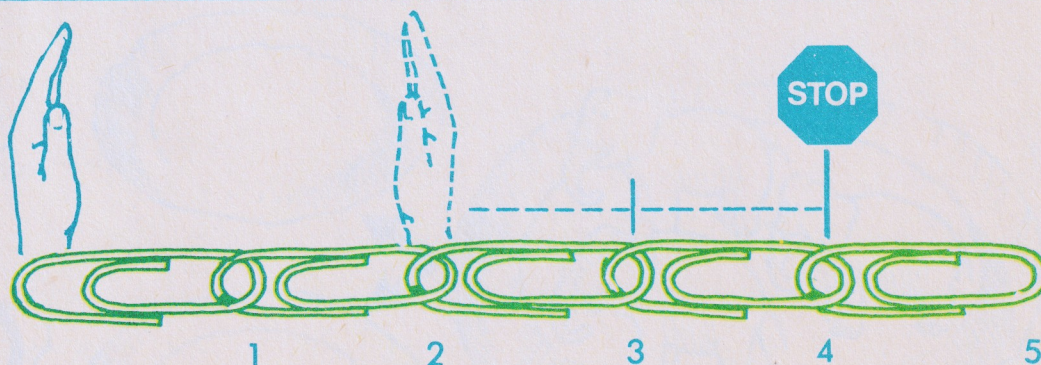
$$\textcircled{1} + \textcircled{2} = \textcircled{\quad}$$

2nd



$$\textcircled{\quad} + \textcircled{\quad} = \textcircled{\quad}$$

3rd



$$\textcircled{\quad} + \textcircled{\quad} = \textcircled{\quad}$$

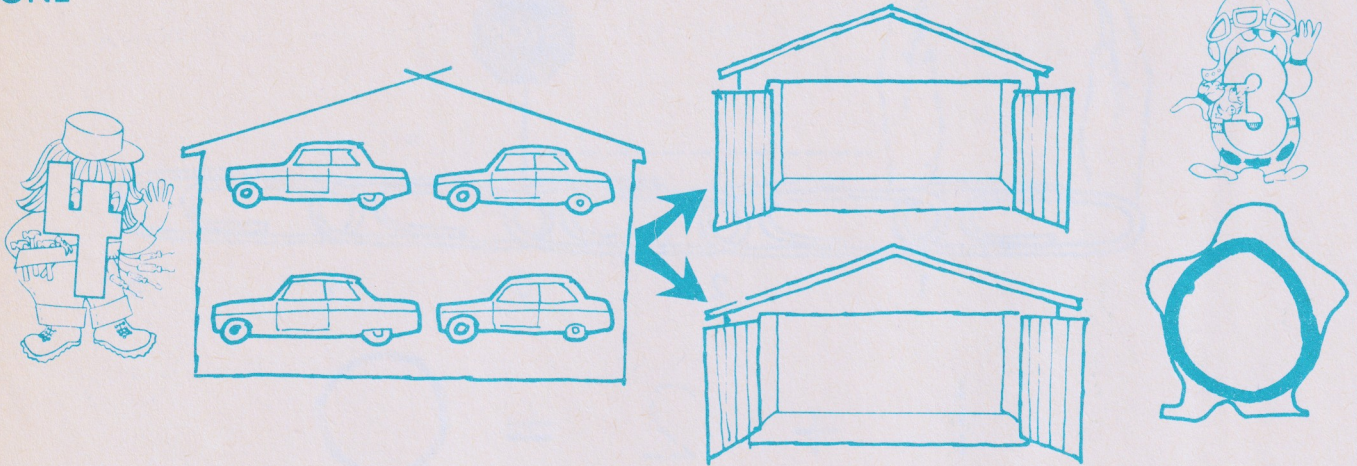
NAME _____



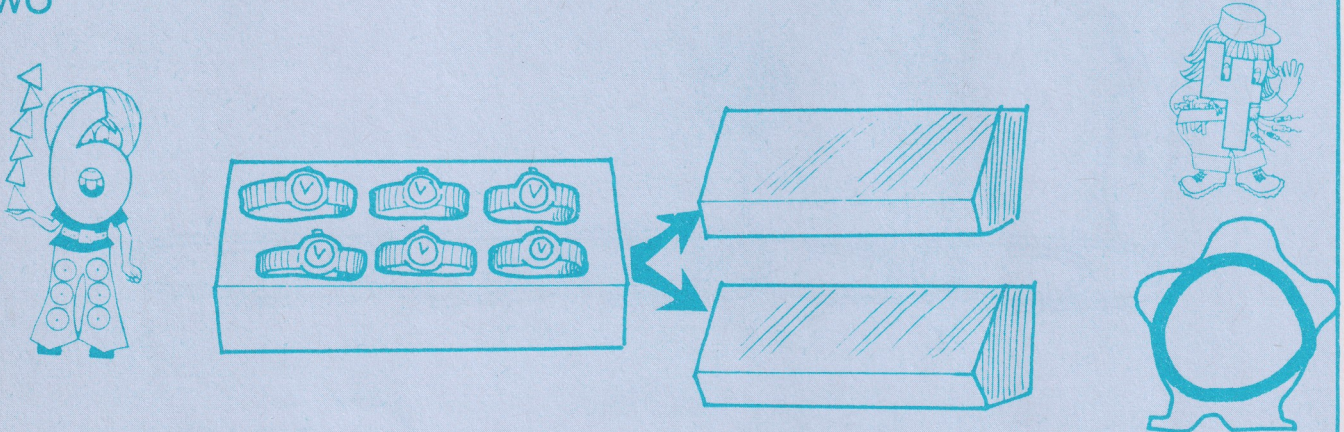
#1

subtraction

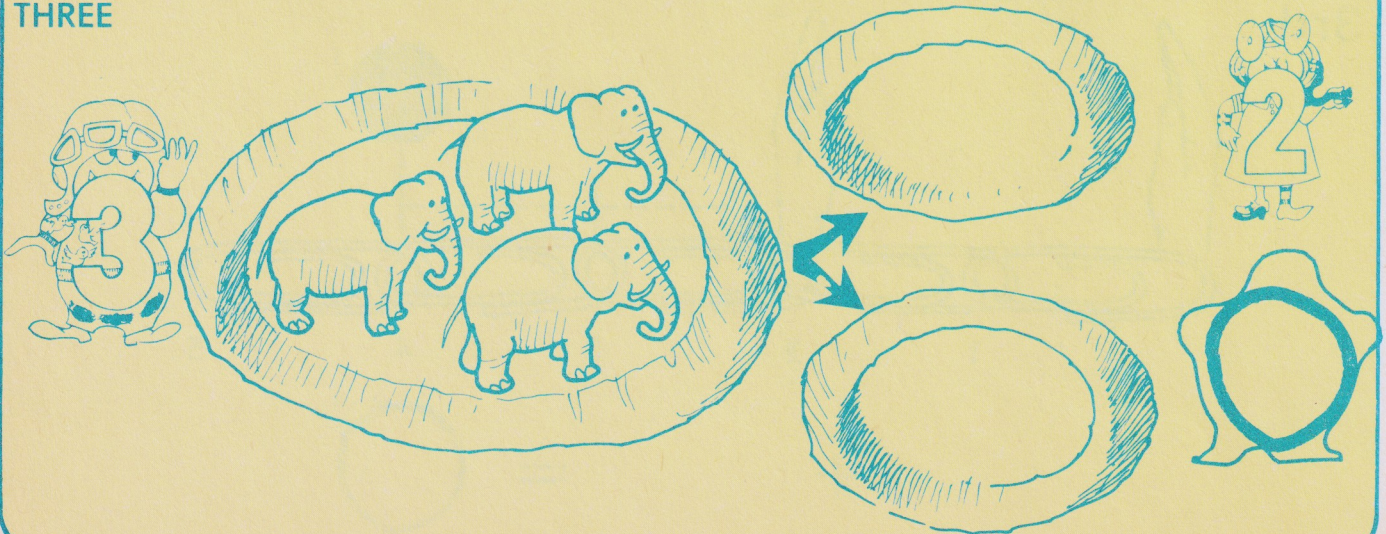
ONE



TWO



THREE



NAME _____



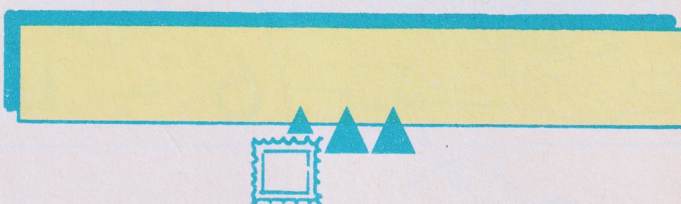
subtraction

#1

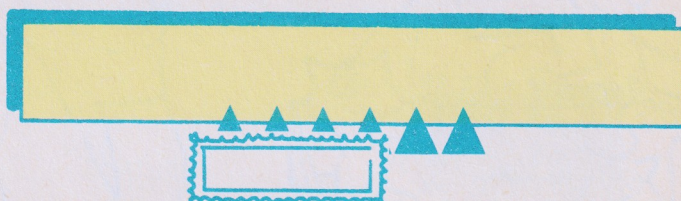
1st



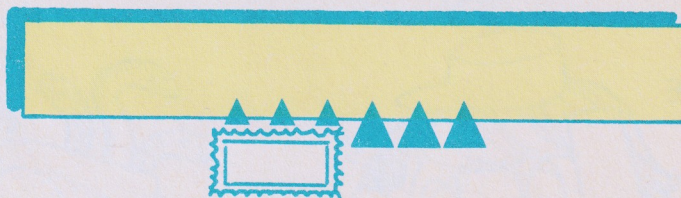
2nd



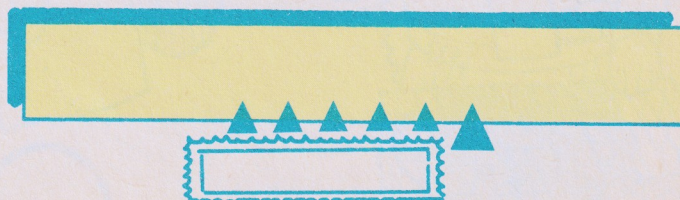
3rd



4th



5th



NAME _____



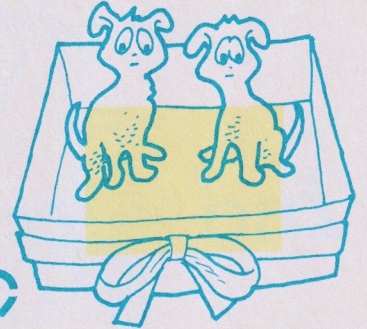
#2

subtraction

ONE



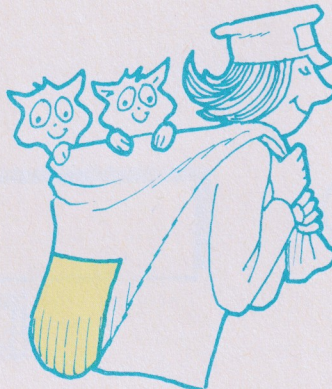
$$6 - 4 = 2$$



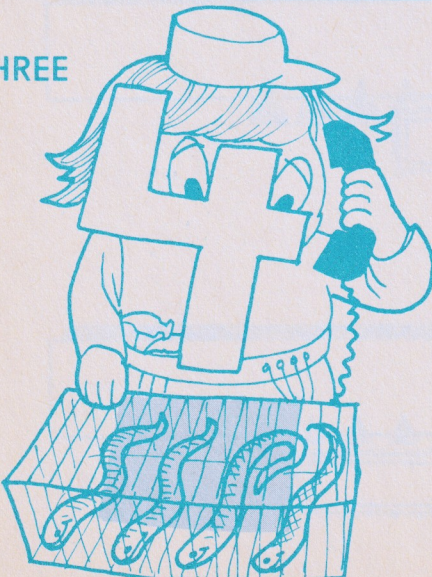
TWO



$$5 - 2 = \bigcirc$$



THREE



$$4 - \bigcirc = \bigcirc$$



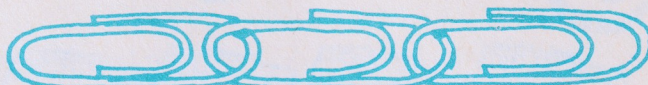
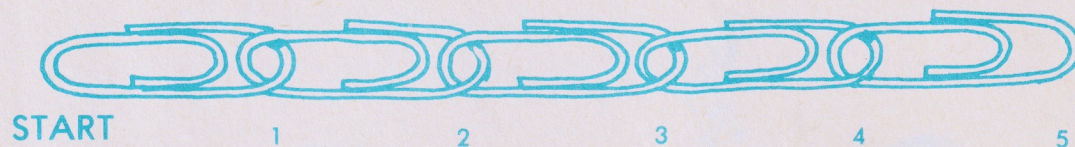
NAME _____



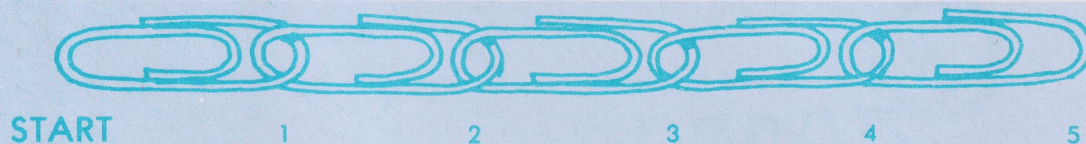
subtraction

2

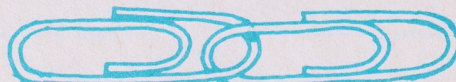
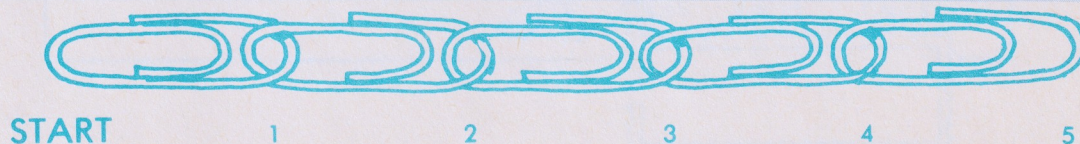
ONE



TWO



THREE



NAME _____

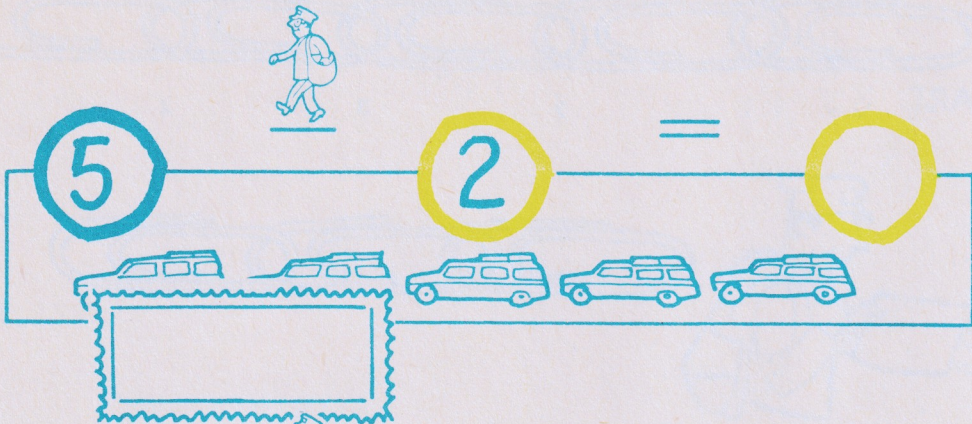


subtraction

#3

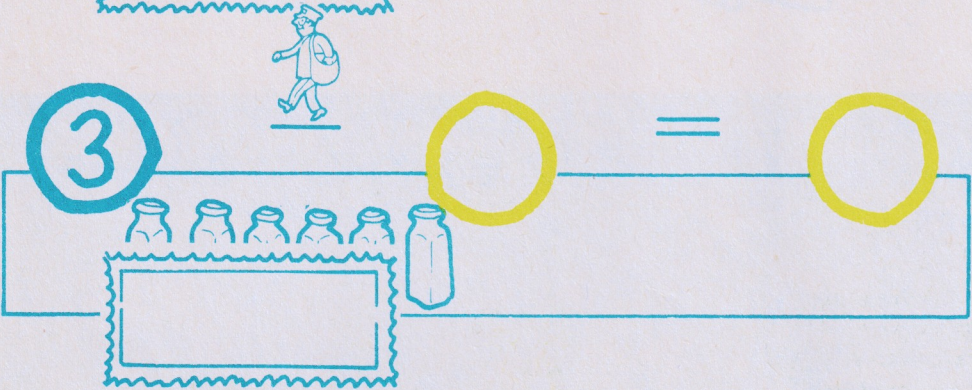
ONE

$\textcircled{5} - \textcircled{2} = \textcircled{\quad}$



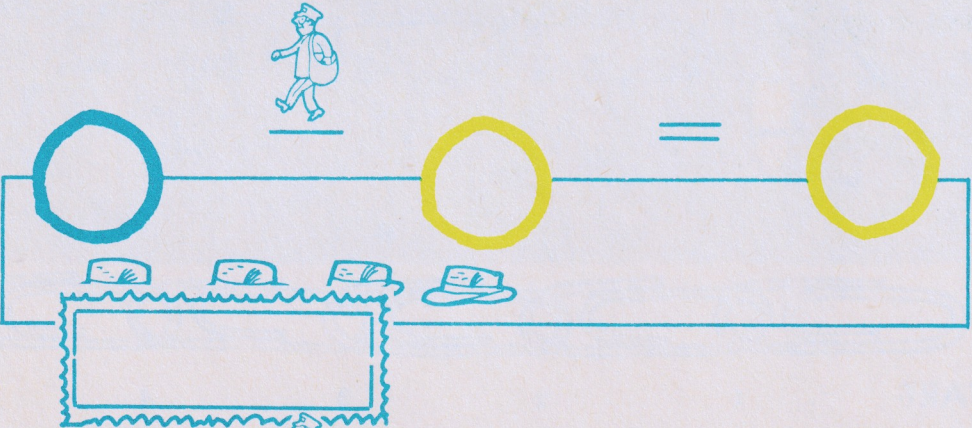
TWO

$\textcircled{3} - \textcircled{\quad} = \textcircled{\quad}$



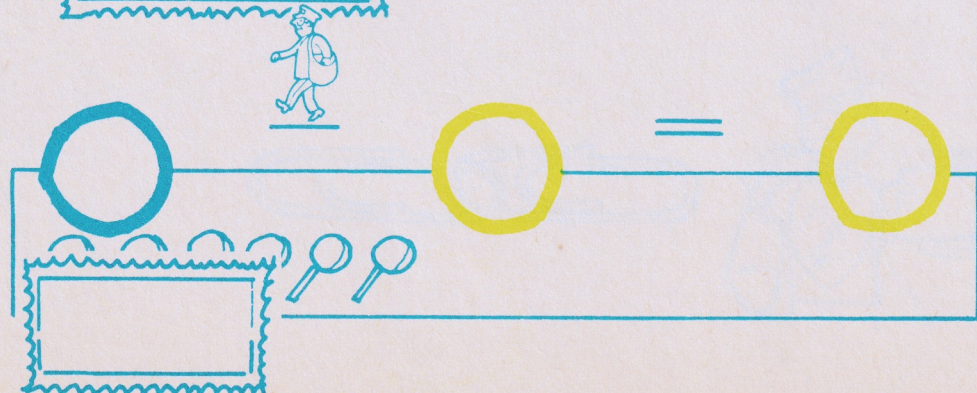
THREE

$\textcircled{\quad} - \textcircled{\quad} = \textcircled{\quad}$



FOUR

$\textcircled{\quad} - \textcircled{\quad} = \textcircled{\quad}$



NAME _____



#3

subtraction



6

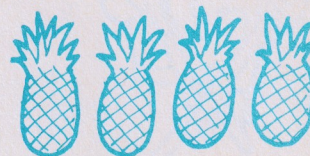
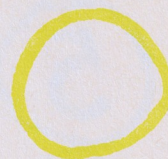


-



2

=



5

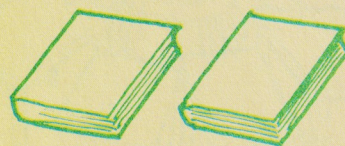
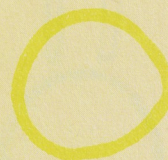


-



0

=



4

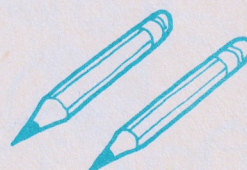


-



0

=

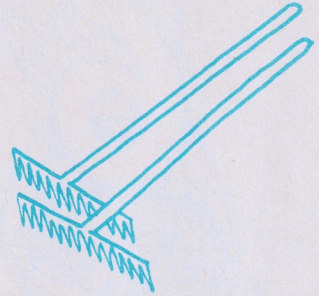


NAME _____



#3

subtraction

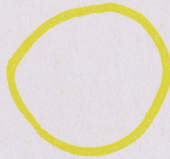
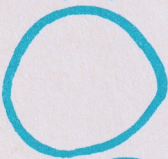
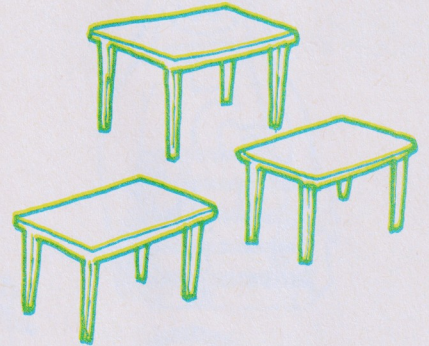
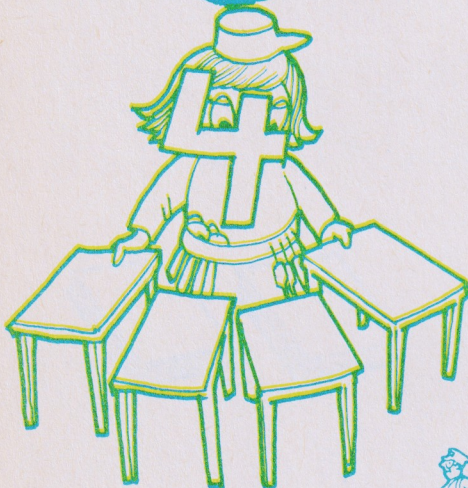
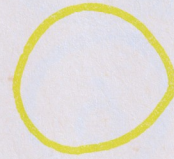


5

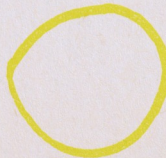
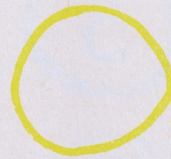


3

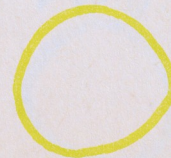
=



=



=



NAME _____



number line

#3

1

2

3

4

5

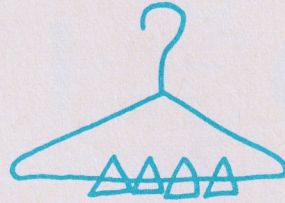
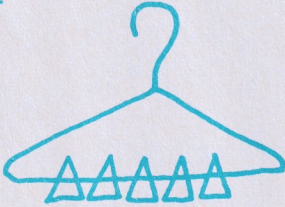
6

7

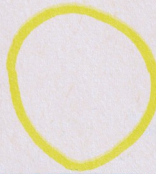
8

9

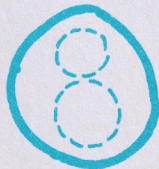
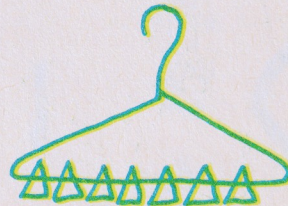
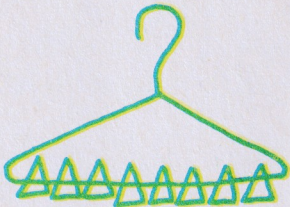
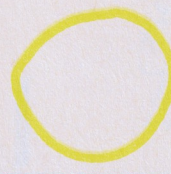
ONE



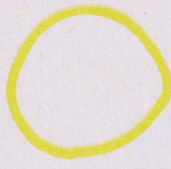
-



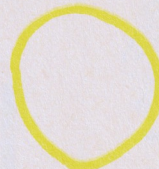
=



-



=



THREE

ONE LESS

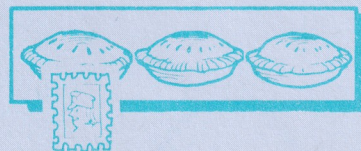
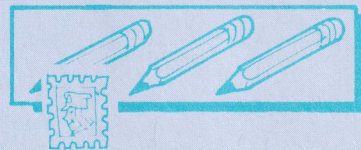




number line

one less chart

9		—	1	=	
8		—	1	=	
7		—	1	=	
6		—	1	=	
5		—	1	=	
4		—	1	=	
3		—	1	=	
2		—	1	=	



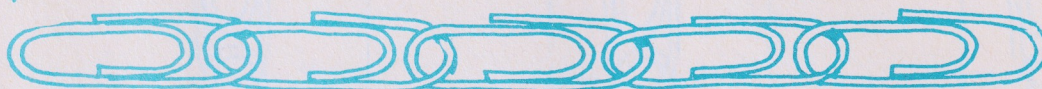
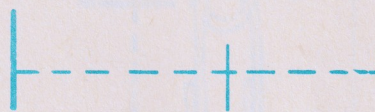
NAME _____



number line

#4

ONE



START

1

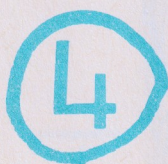


2

3

4

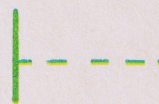
5



=



TWO



START

1

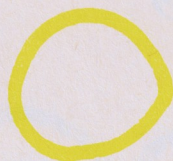


2

3

4

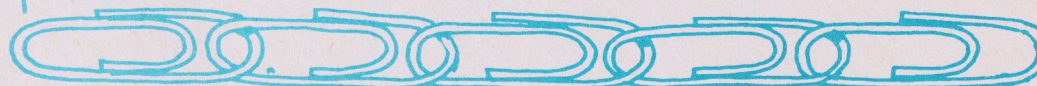
5



=



THREE



START

1



2

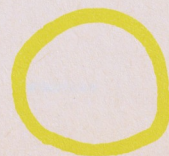
3

4

5



=

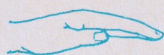




number line

#4

ONE



START

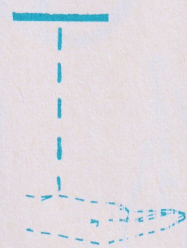
1

2

3

4

5



4

-

3

=

1

4

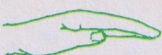
-

1

=

3

TWO



START

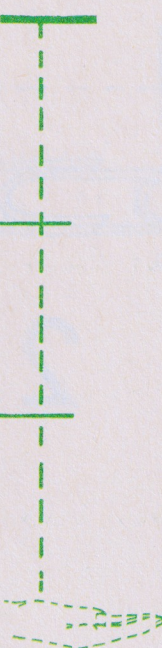
1

2

3

4

5



4

-

3

=

1

4

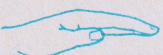
-

1

=

3

THREE



START

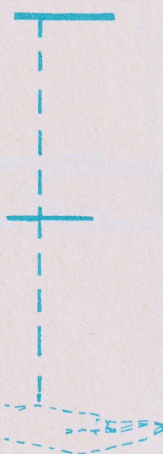
1

2

3

4

5



3

-

2

=

1

3

-

1

=

2

NAME _____

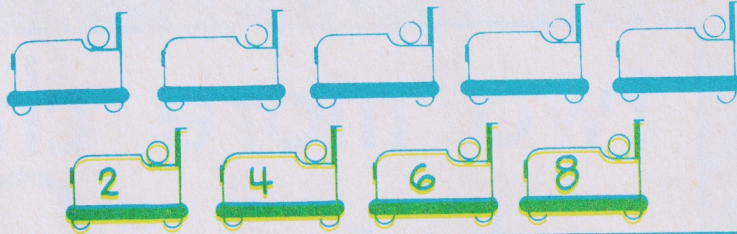
NAME _____



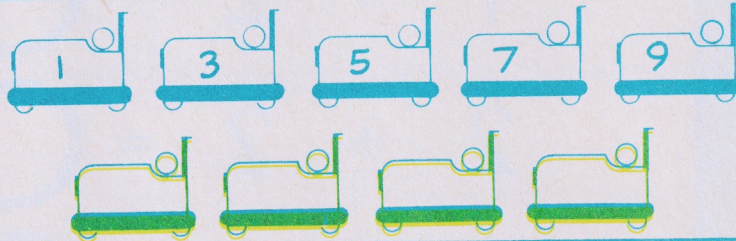
+2, -2



ONE



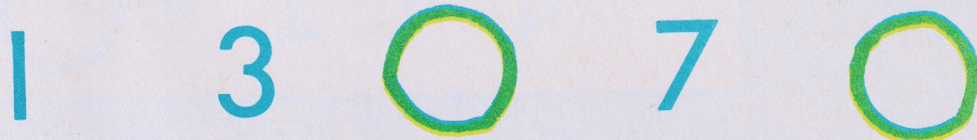
TWO



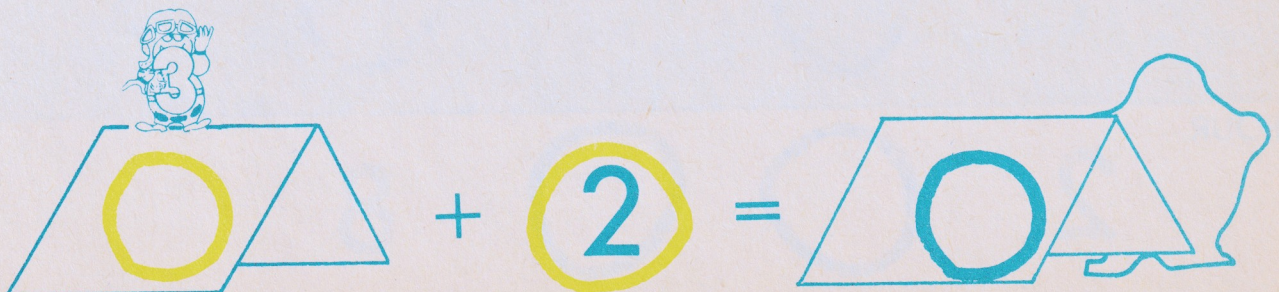
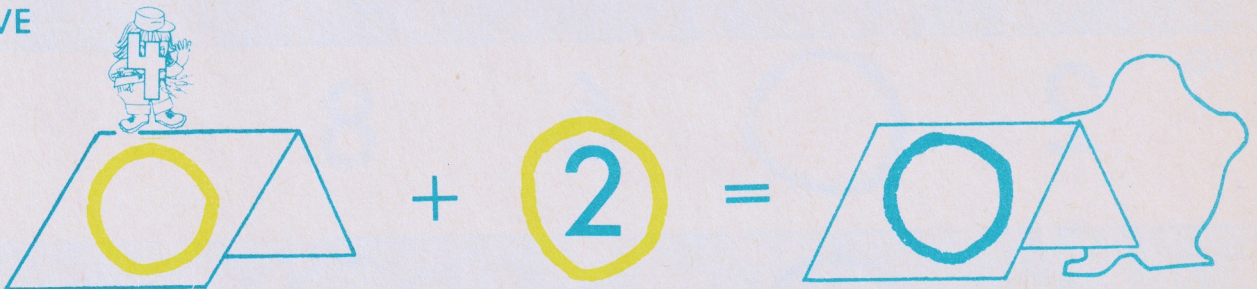
THREE



FOUR



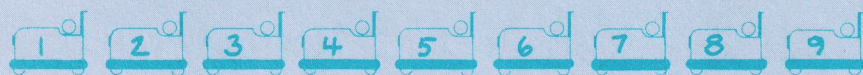
FIVE



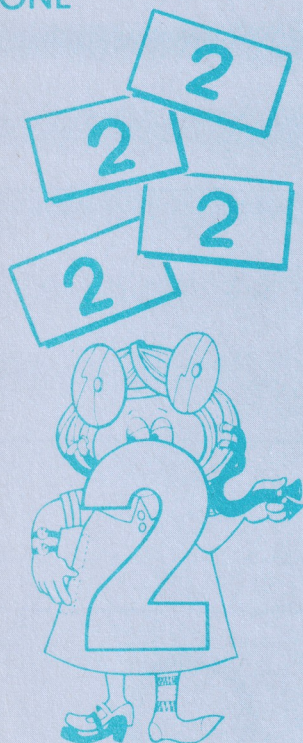
NAME _____



+2,-2



ONE



two more chart

$$1 + 2 = \bigcirc$$

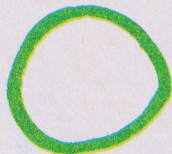
$$2 + 2 = \bigcirc$$

$$3 + 2 = \bigcirc$$

$$4 + 2 = \bigcirc$$

TWO

2

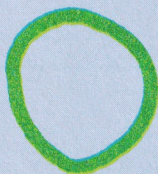


6

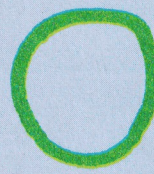
8

THREE

1



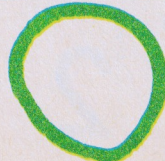
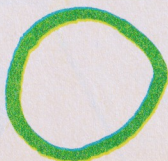
5



9

FOUR

2

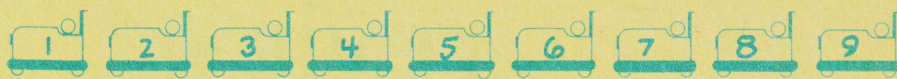


8

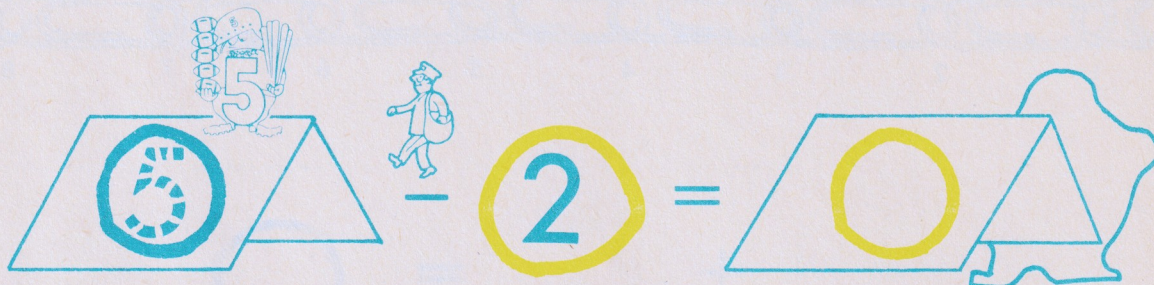
NAME _____



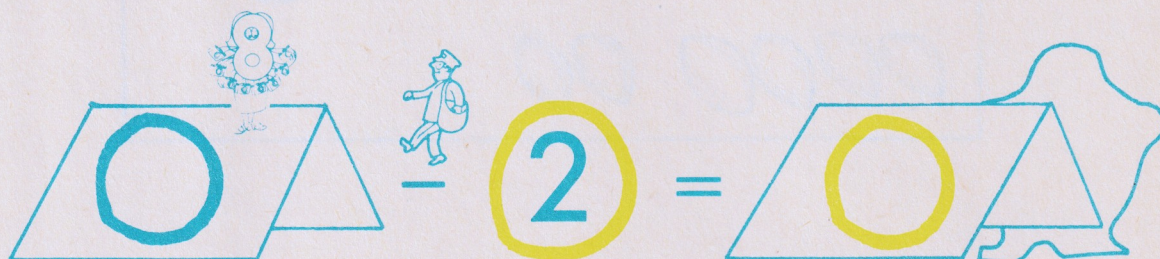
+2, -2



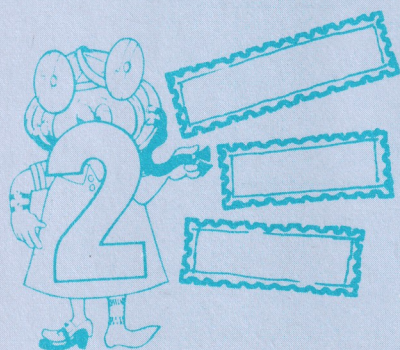
ONE



TWO

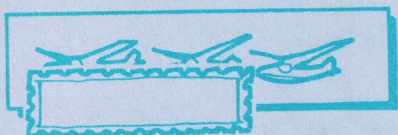


THREE



two less chart

6		2	=	
5		2	=	
4		2	=	
3		2	=	

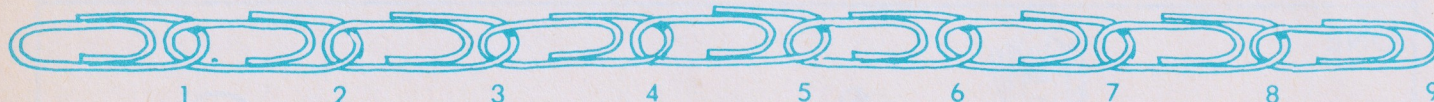


NAME _____

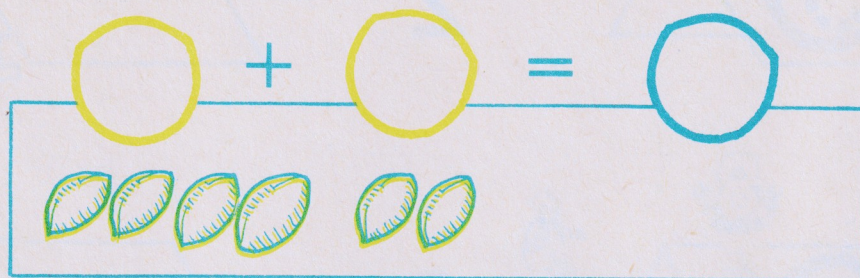


review

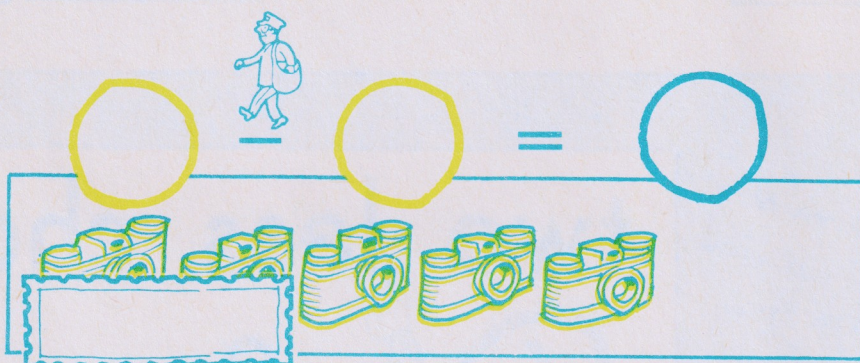
#3



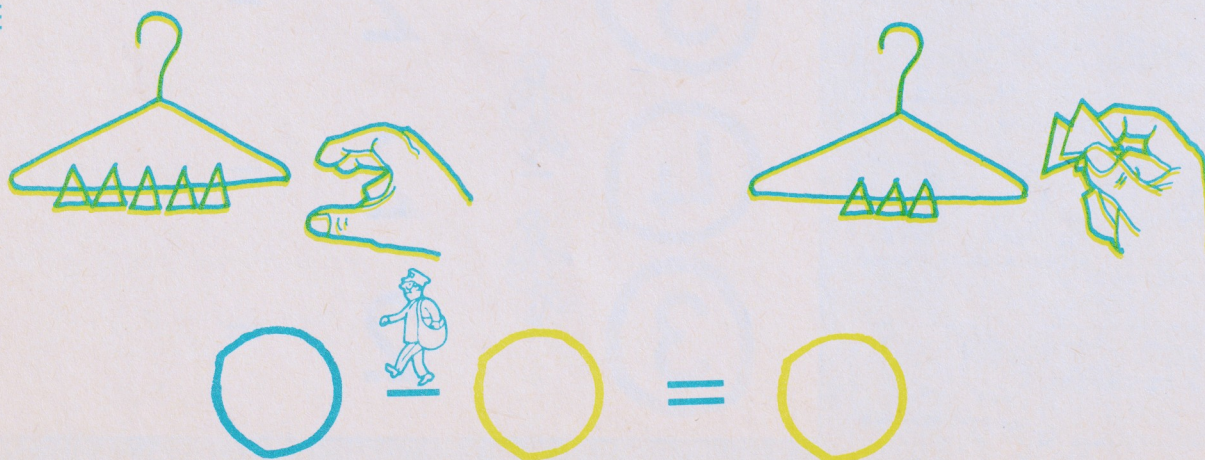
ONE



TWO



THREE

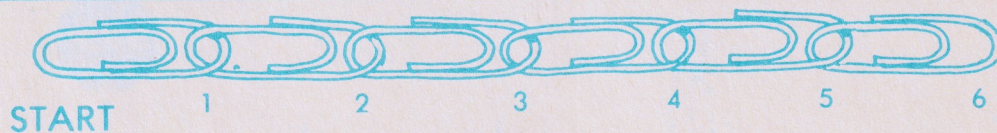


NAME _____



#3

review



ONE



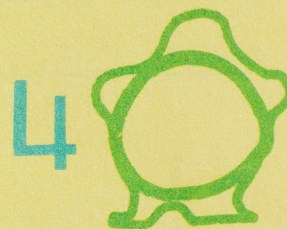
BEFORE



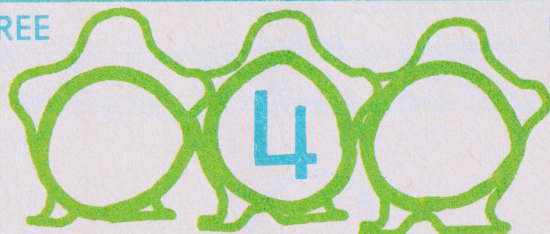
TWO



AFTER



THREE



BETWEEN



FOUR

MORE THAN

4 >
4 >
4 >

LESS THAN

4 <
4 <

FIVE



$$\text{[Blank Card]} + 2 = \text{[Blank Card]}$$

SIX



$$\text{[Blank Card]} - 2 = \text{[Blank Card]}$$

NAME _____



review

#3

ONE

START 1 2 3 4 5 6

$\text{Yellow Circle} + \text{Yellow Circle} = \text{Blue Circle}$

TWO

START 1 2 3 4 5 6

$\text{Yellow Circle} - \text{Blue Circle} = \text{Blue Circle}$

THREE

START 1 2 3 4 5 6

$\text{Blue Circle} - \text{Yellow Circle} = \text{Yellow Circle}$

FOUR

1 3 7

NAME _____



addition 7

Mr. 7's chart

$$① + ⑥ = ⑦$$

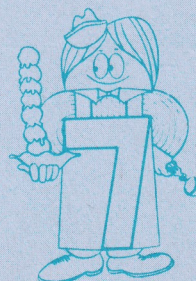
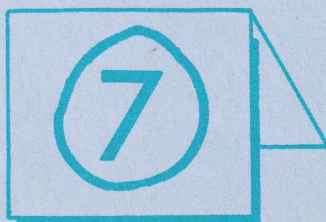
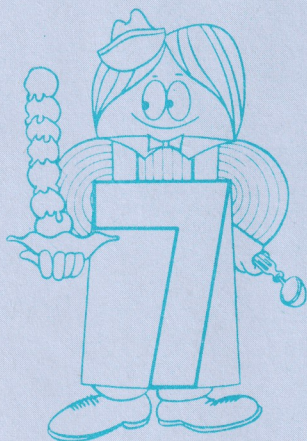
$$② + ⑤ = ⑦$$

$$③ + ④ = ⑦$$

$$④ + ③ = ⑦$$

$$⑤ + ② = ⑦$$

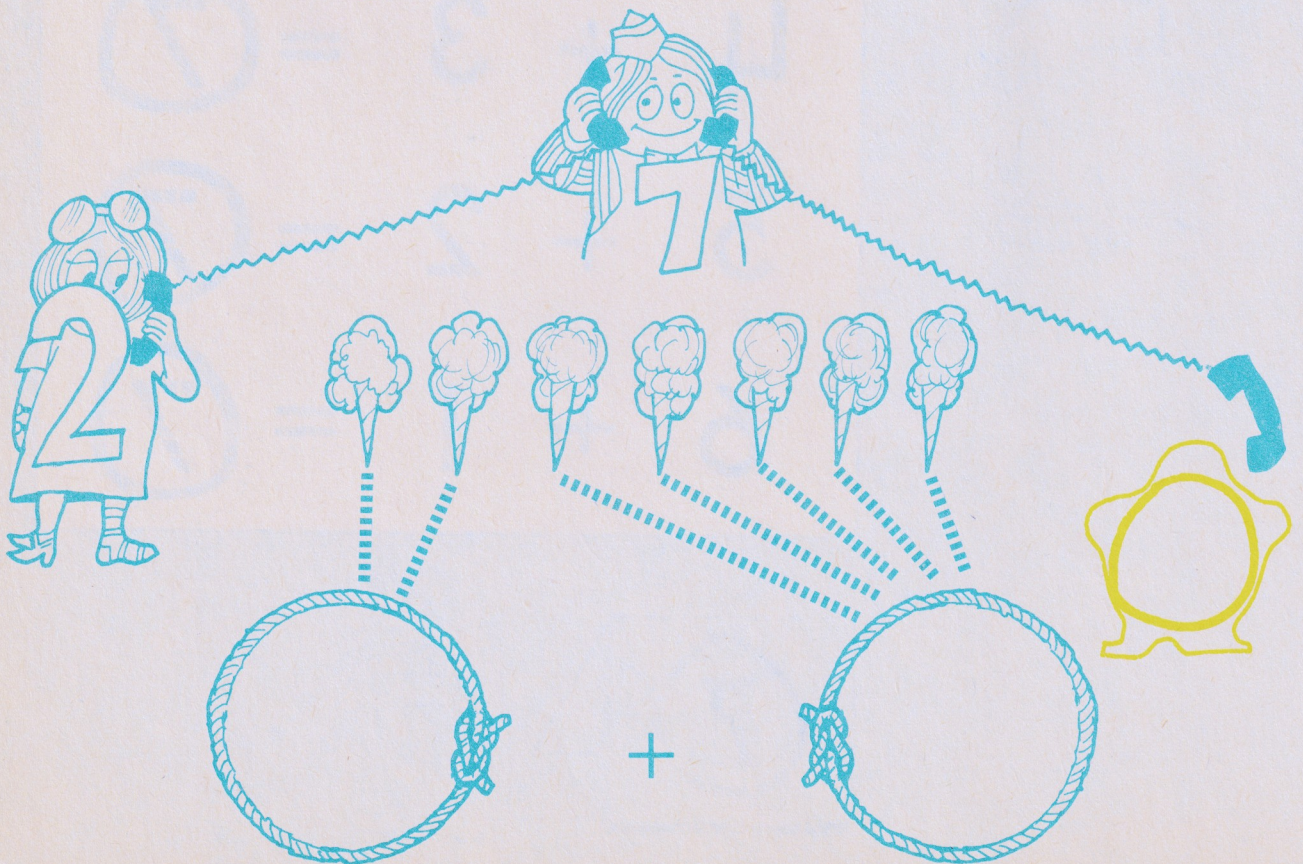
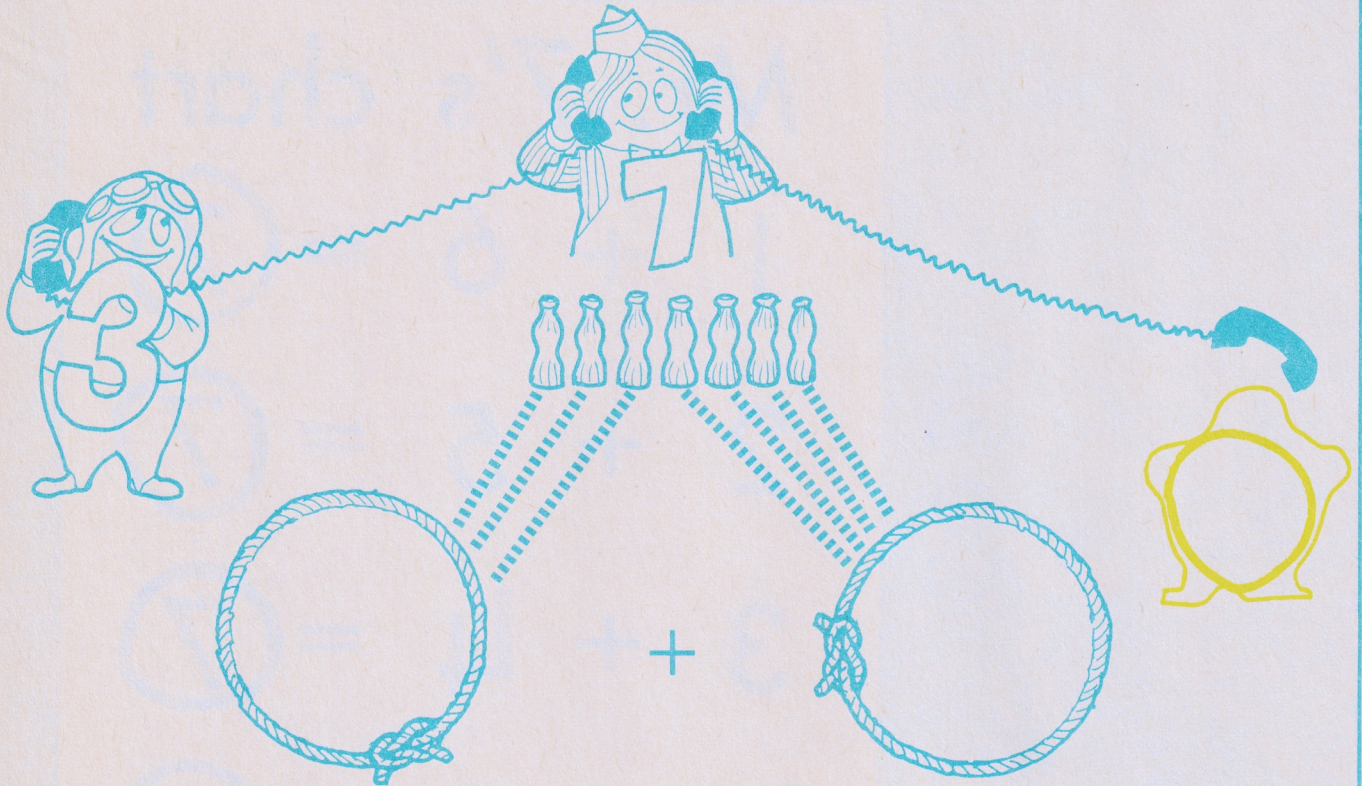
$$⑥ + ① = ⑦$$



NAME _____



addition 7





NAME _____

addition 8

Ms. 8's chart

$$① + ⑦ = ⑧$$

$$② + ⑥ = ⑧$$

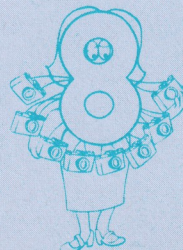
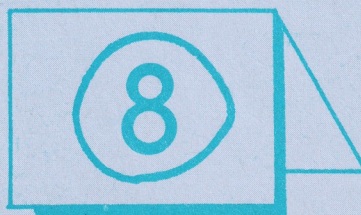
$$③ + ⑤ = ⑧$$

$$④ + ④ = ⑧$$

$$⑤ + ③ = ⑧$$

$$⑥ + ② = ⑧$$

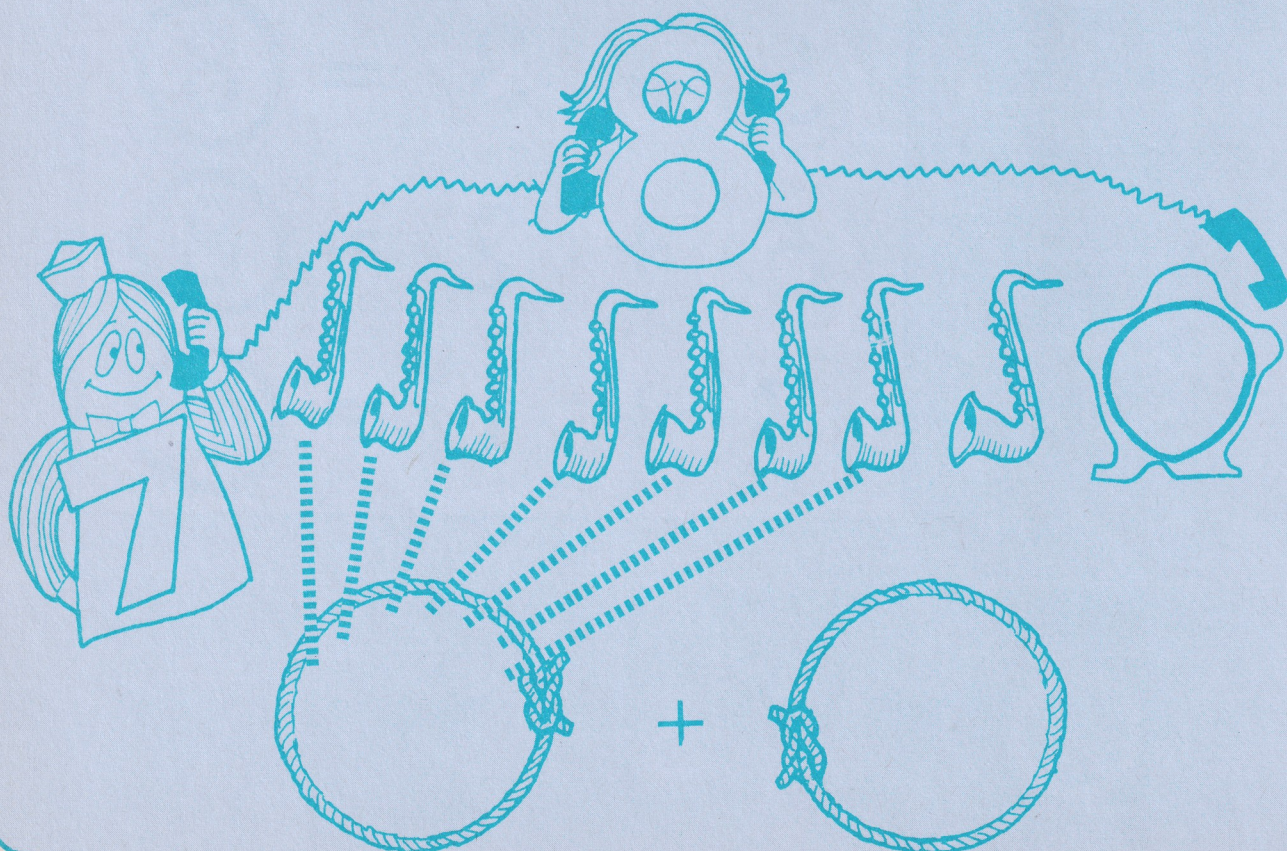
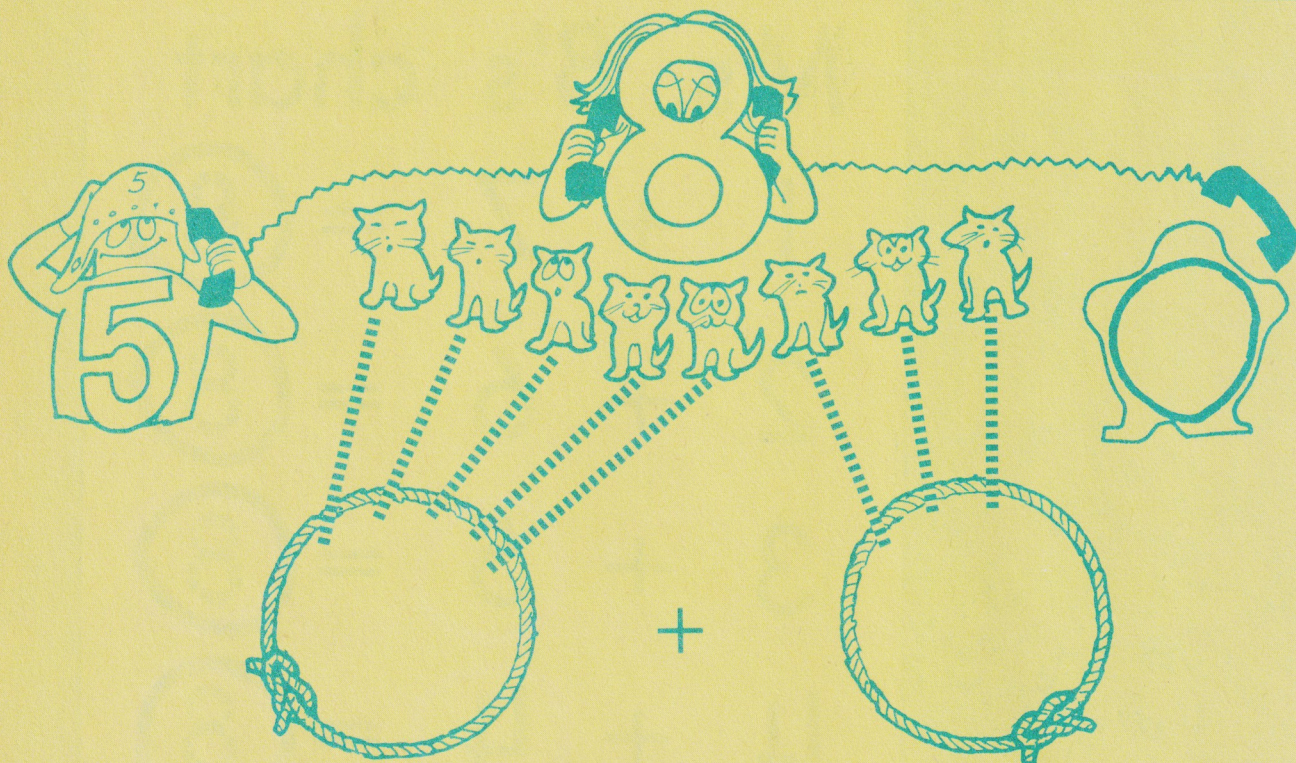
$$⑦ + ① = ⑧$$



NAME _____



addition 8



NAME _____



addition 9

Mr. 9's chart

$$1 + 8 = 9$$

$$2 + 7 = 9$$

$$3 + 6 = 9$$

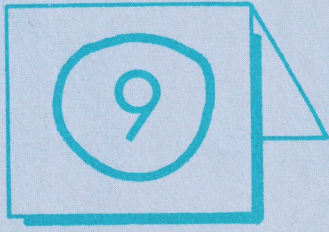
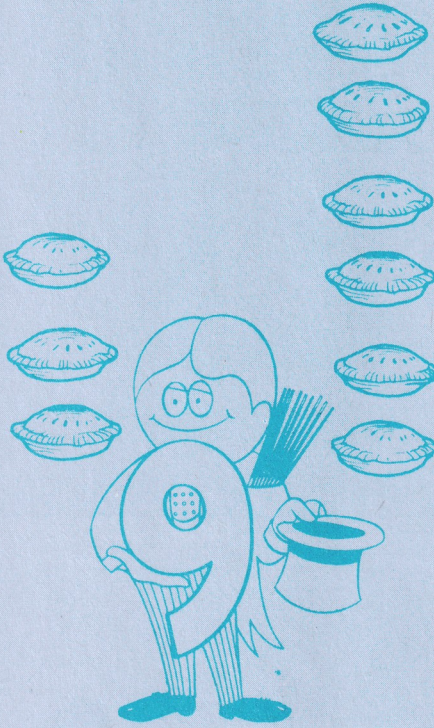
$$4 + 5 = 9$$

$$5 + 4 = 9$$

$$6 + 3 = 9$$

$$7 + 2 = 9$$

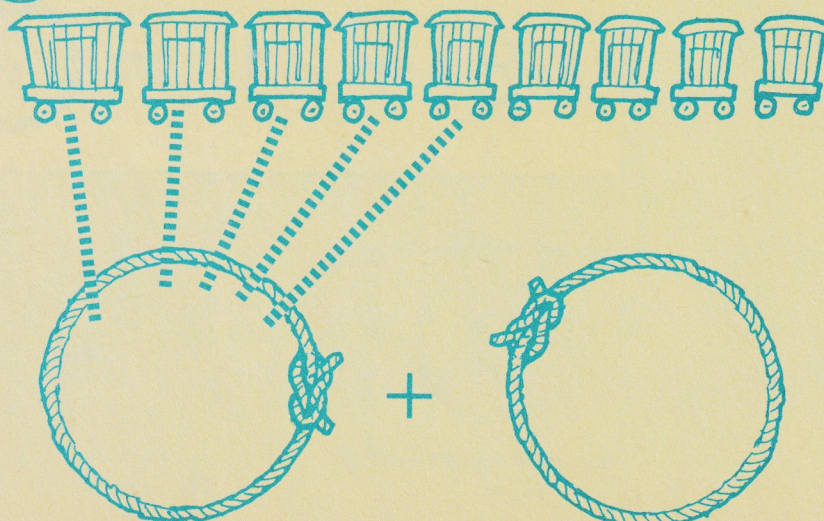
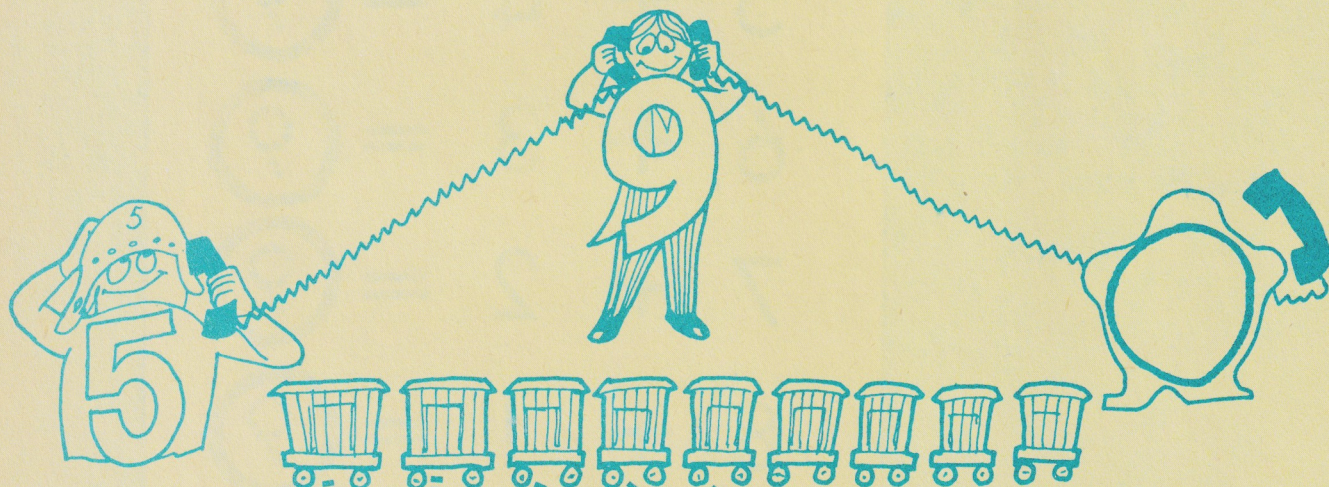
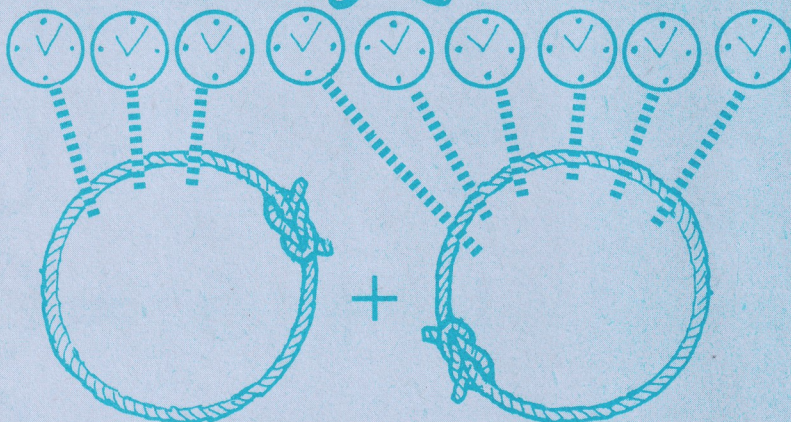
$$8 + 1 = 9$$



NAME _____



addition 9





number line

#5

ONE



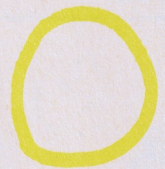
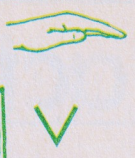
+



=



TWO



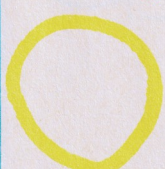
+



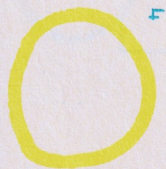
=



THREE



+



=

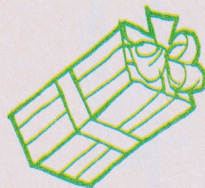
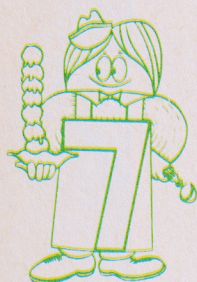


NAME _____



subtraction 7

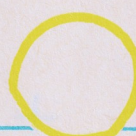
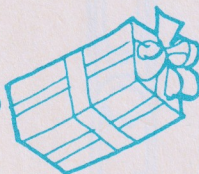
ONE



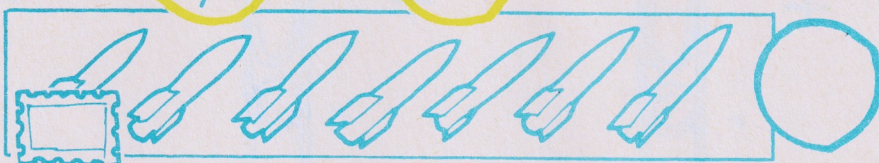
=



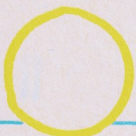
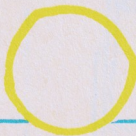
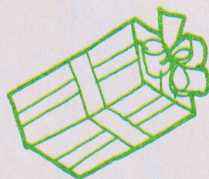
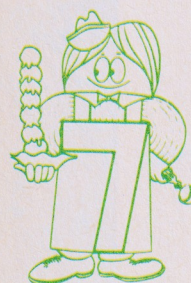
TWO



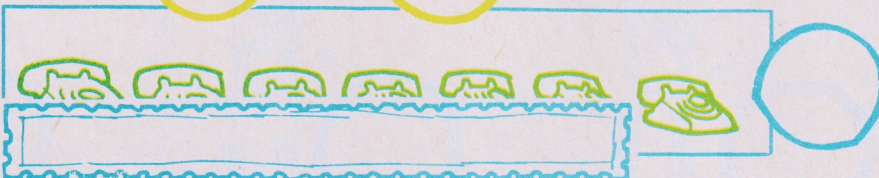
=



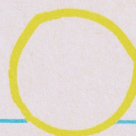
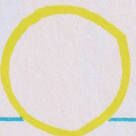
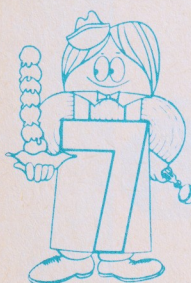
THREE



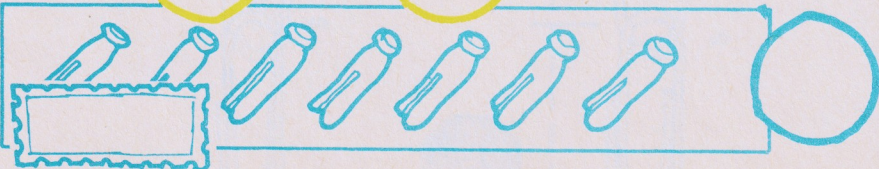
=



FOUR



=

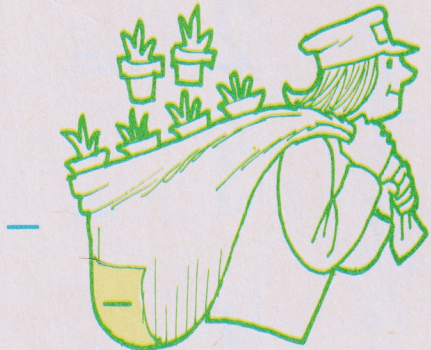


NAME _____

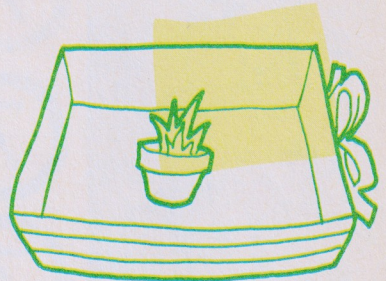


subtraction 7

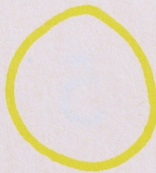
ONE



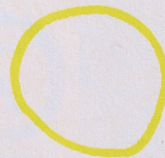
=



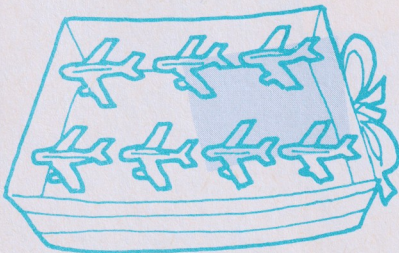
-



=



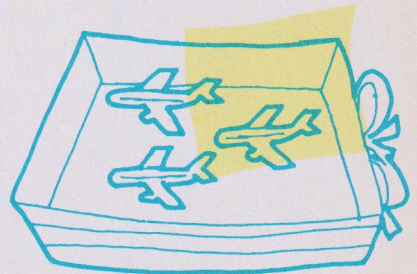
TWO



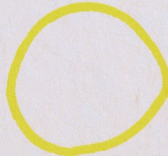
-



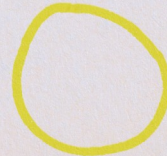
=



-



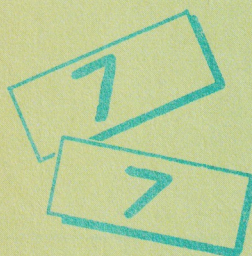
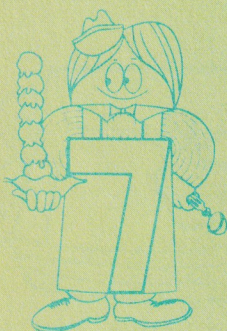
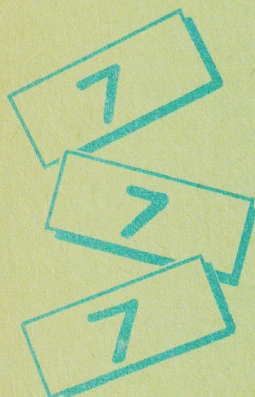
=



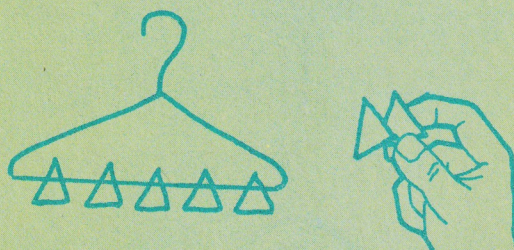
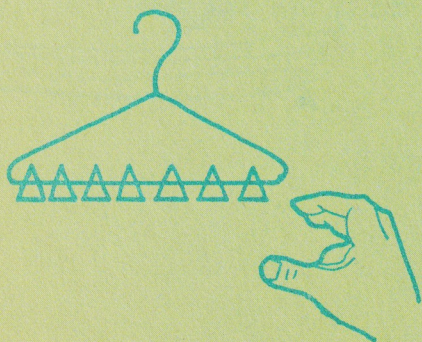


subtraction 7

Mr. 7's
take away chart



7		1	=	6
7		2	=	
7		3	=	
7		4	=	
7		5	=	
7		6	=	



NAME _____

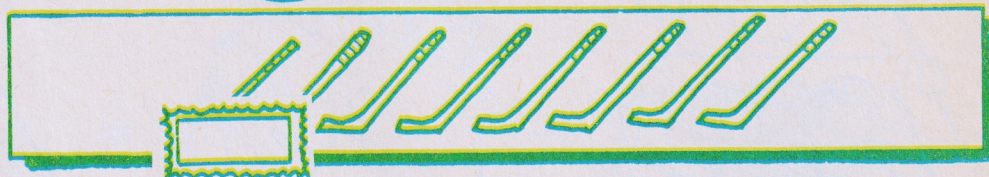


subtraction 8

ONE



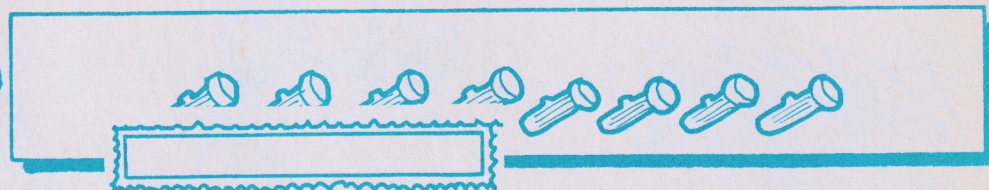
$$\text{8} - \text{ } = \text{ }$$



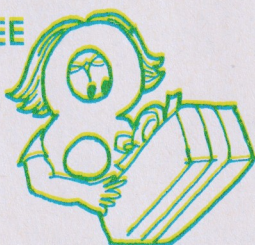
TWO



$$\text{ } - \text{ } = \text{ }$$



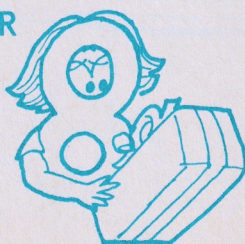
THREE



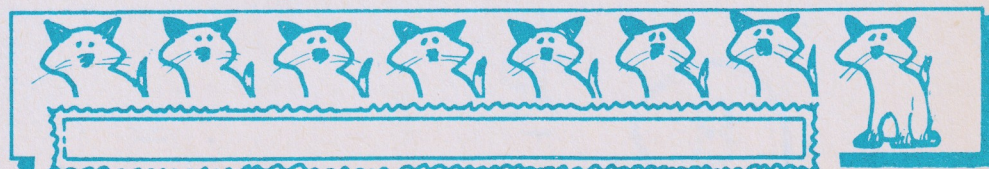
$$\text{ } - \text{ } = \text{ }$$



FOUR



$$\text{ } - \text{ } = \text{ }$$

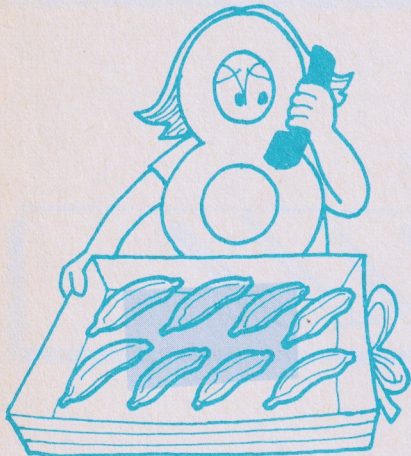
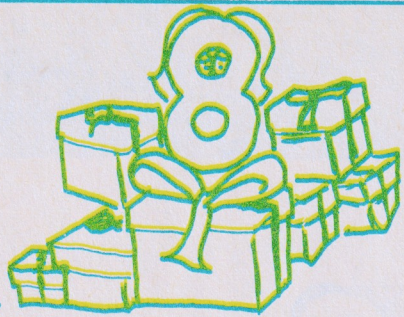


NAME _____



subtraction

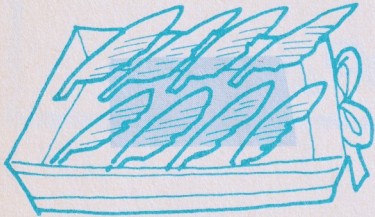
#8



-



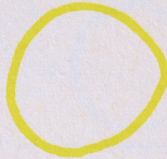
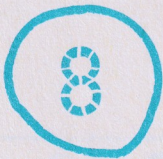
=



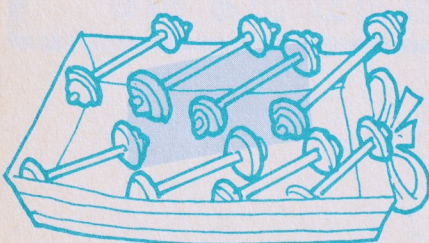
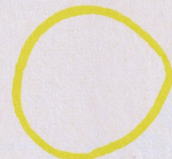
-



=



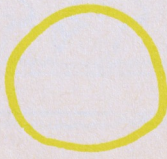
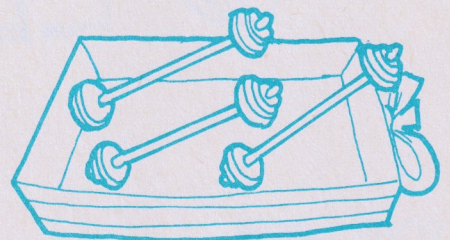
=



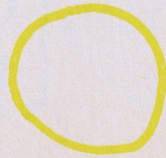
-



=



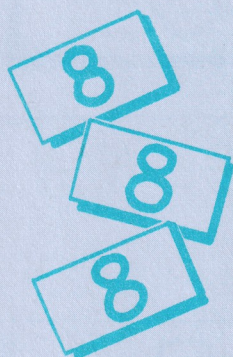
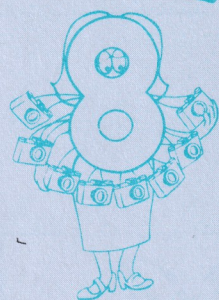
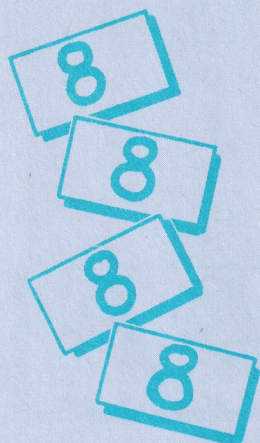
=



NAME _____

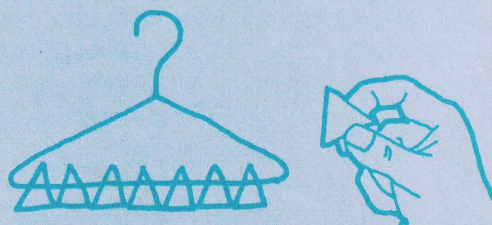
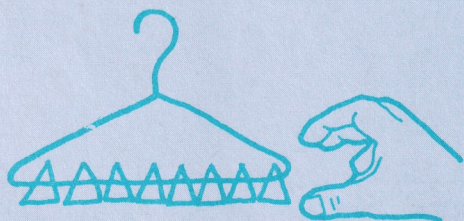


subtraction 8



Ms 8's chart

8		1	=	
8		2	=	
8		3	=	
8		4	=	
8		5	=	
8		6	=	
8		7	=	

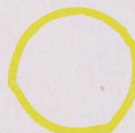
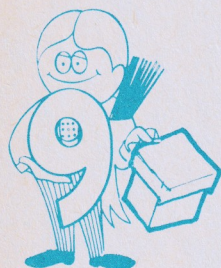


NAME _____

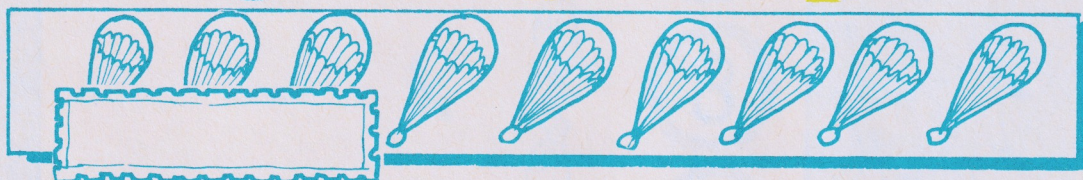


subtraction 9

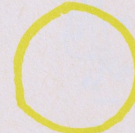
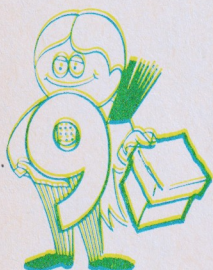
ONE



=



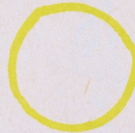
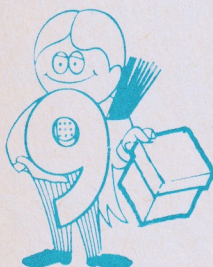
TWO



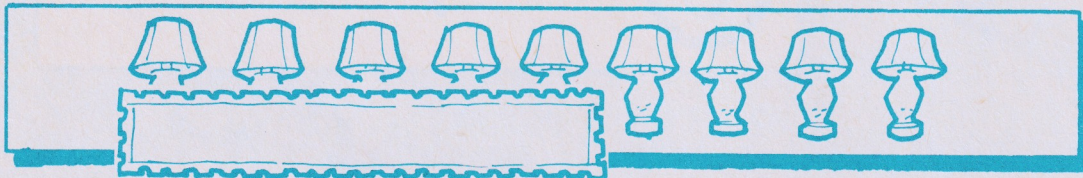
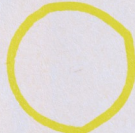
=



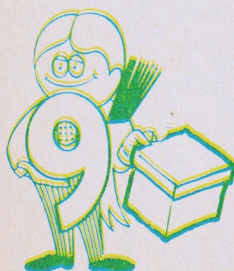
THREE



=



FOUR



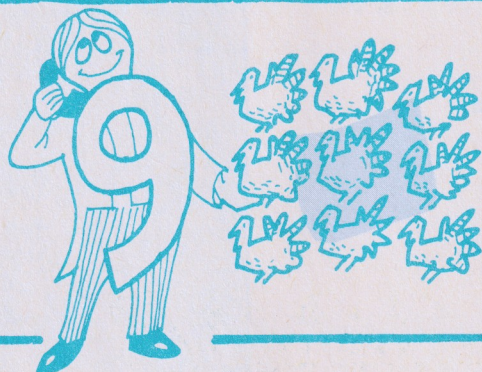
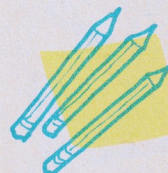
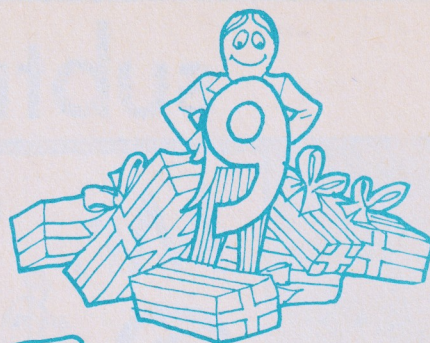
=



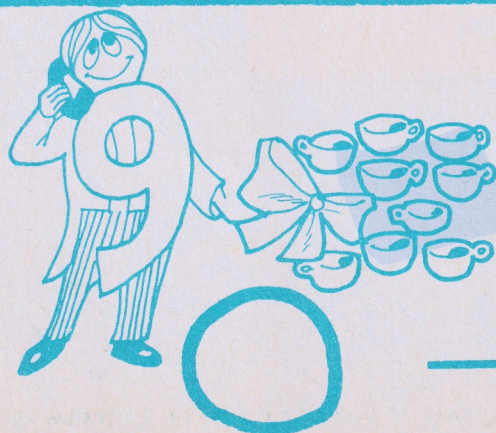
NAME _____



subtraction 9



$$\bigcirc - \bigcirc = \bigcirc$$



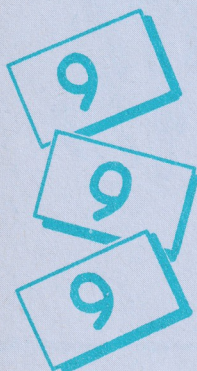
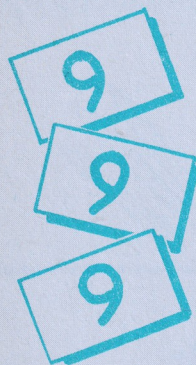
$$\bigcirc - \bigcirc = \bigcirc$$

NAME _____

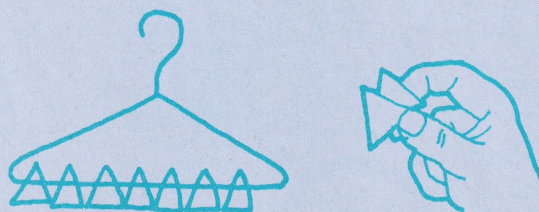
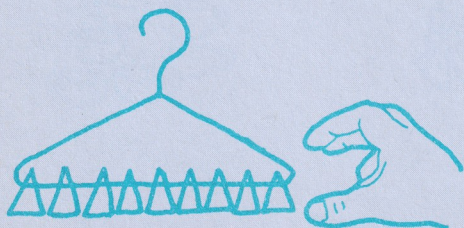


subtraction 9

Mr. 9's chart



9		1	=	
9		2	=	
9		3	=	
9		4	=	
9		5	=	
9		6	=	
9		7	=	
9		8	=	

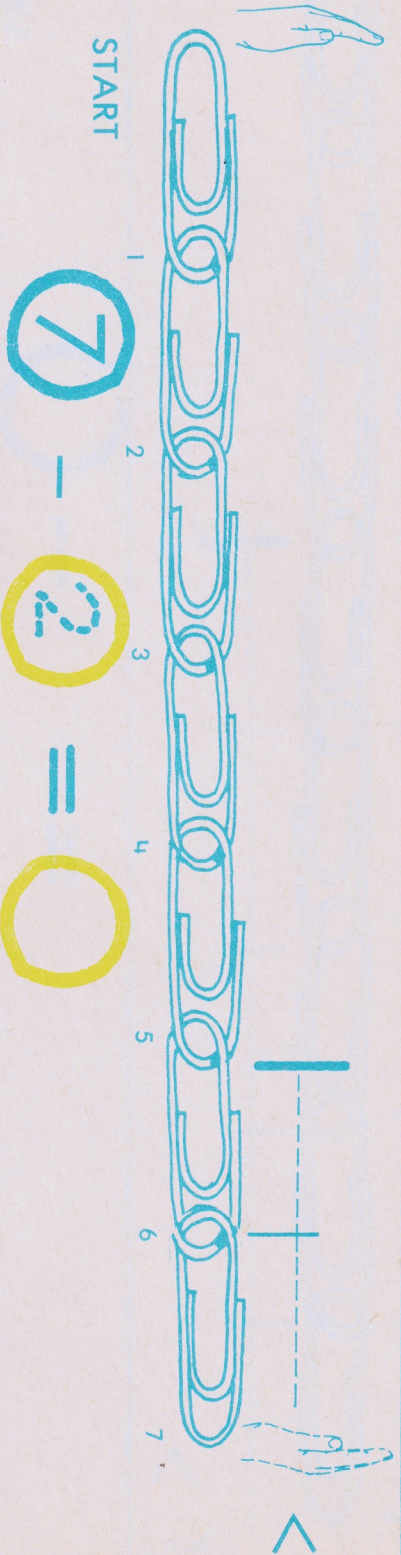




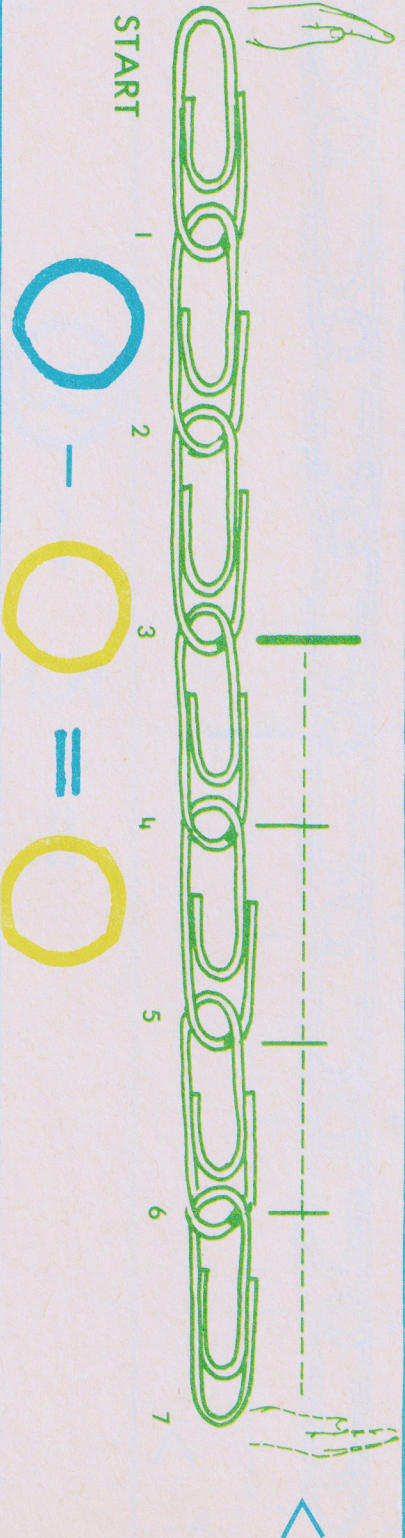
number line

#6

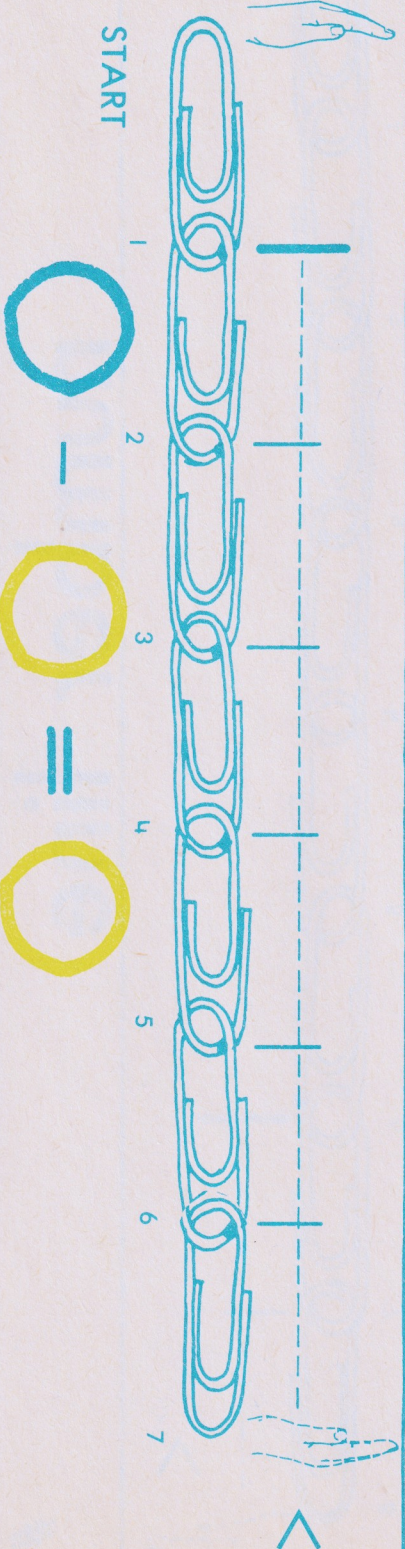
ONE



TWO



THREE



NAME _____

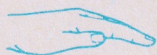


NAME _____

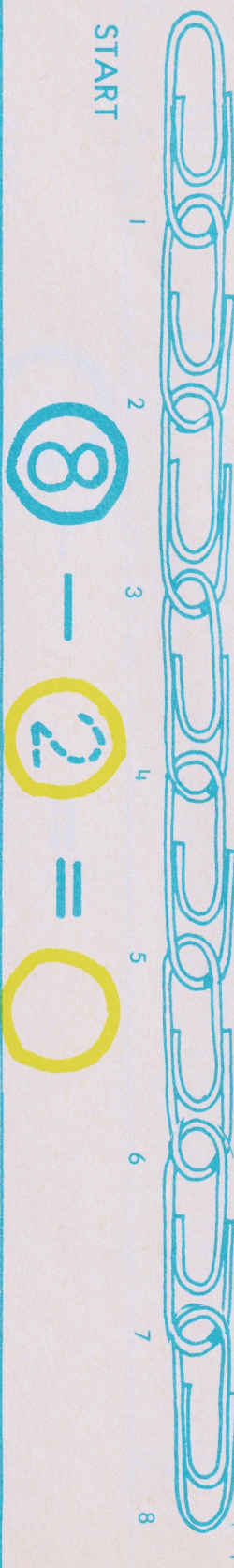
number line

#6

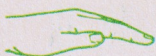
ONE



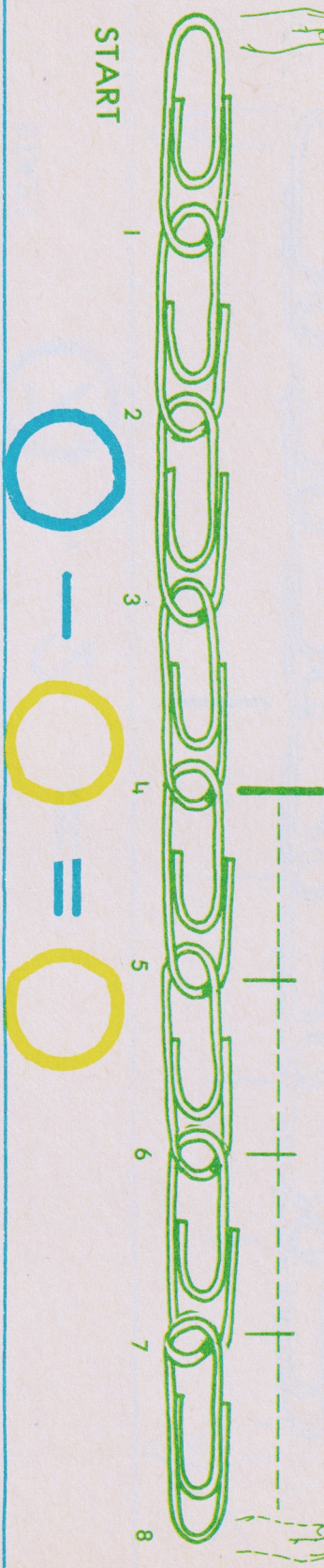
START



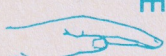
TWO



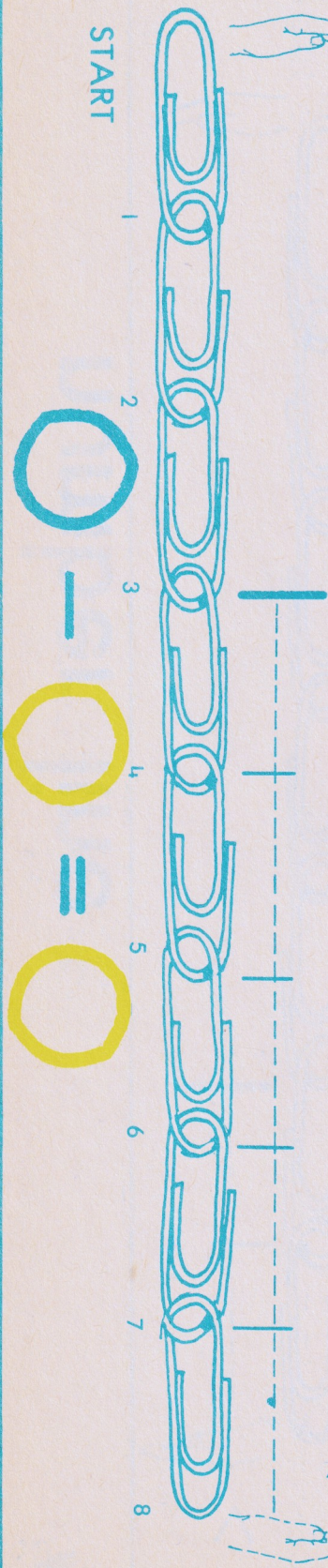
START



THREE



START





number line

#6

ONE



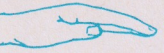
$$\textcircled{9} - \text{O} = \text{O}$$

TWO



$$\text{O} - \text{O} = \text{O}$$

THREE



$$\text{O} - \text{O} = \text{O}$$

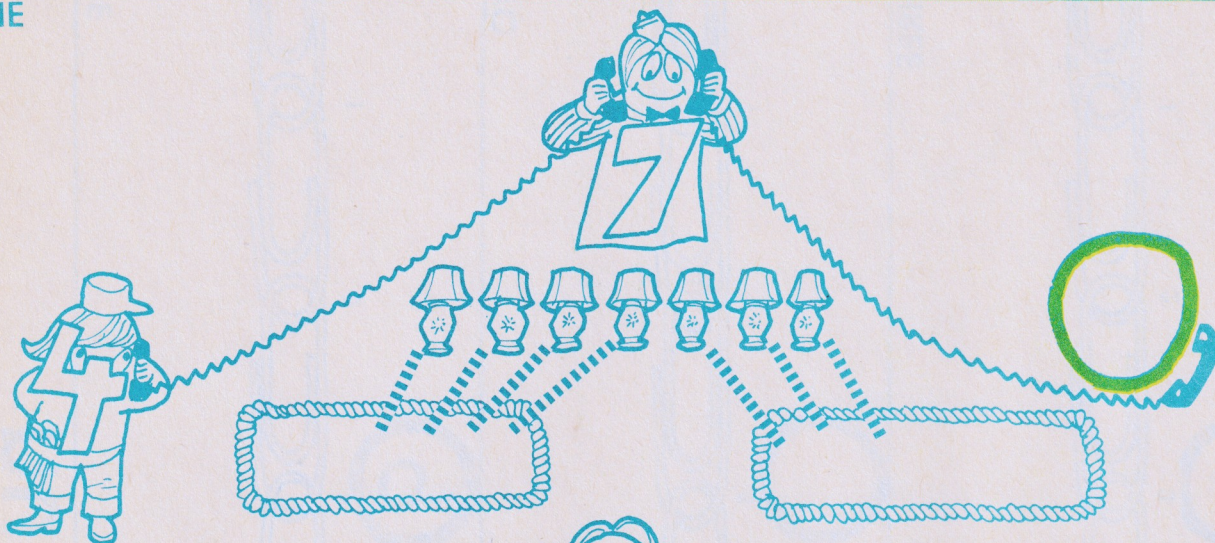
NAME _____



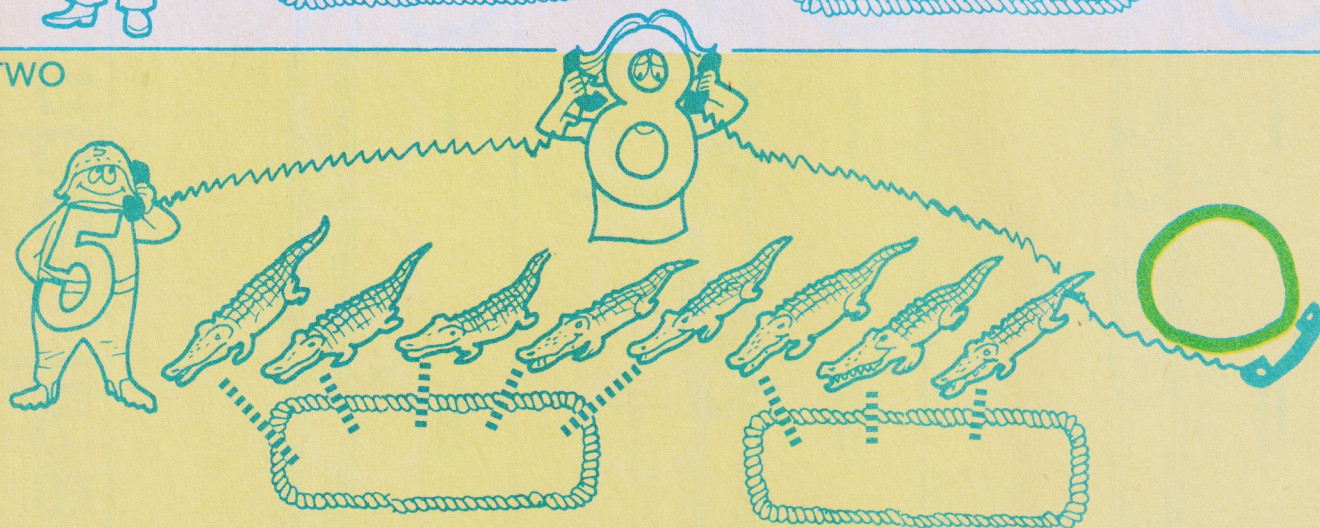
review

#4

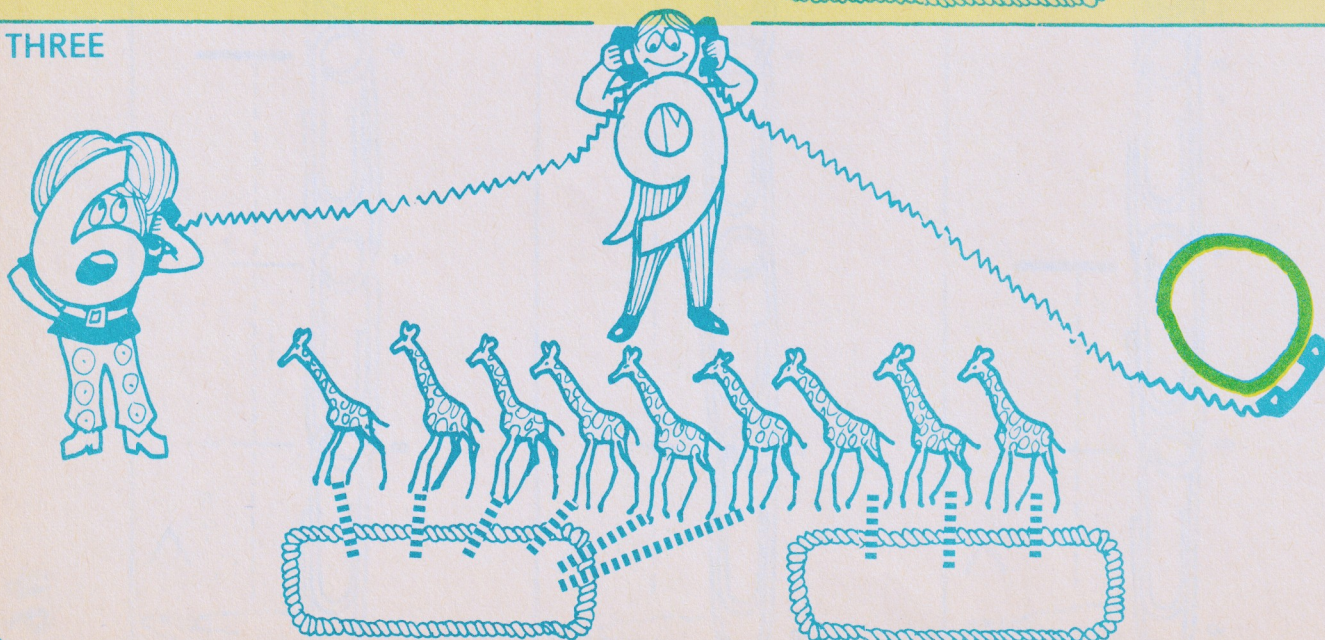
ONE



TWO



THREE

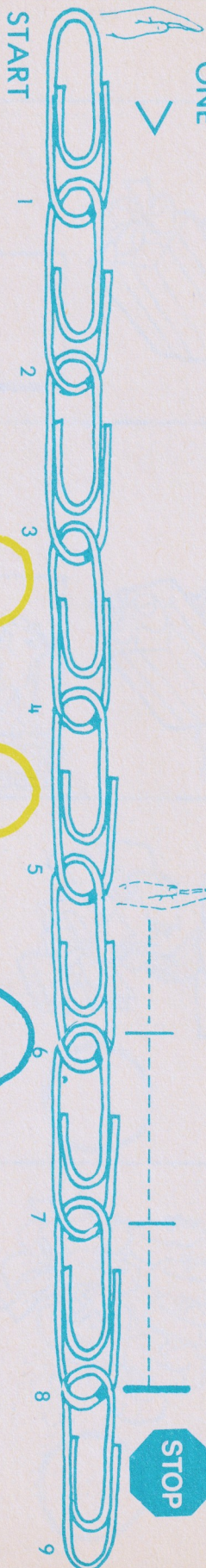




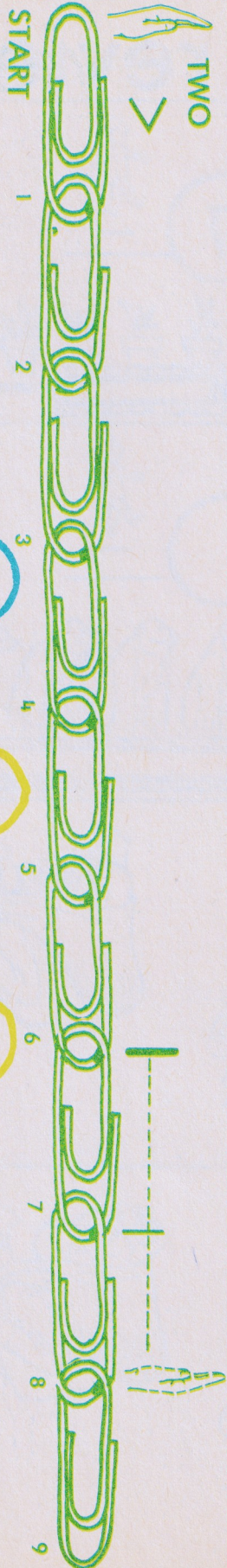
review

#4

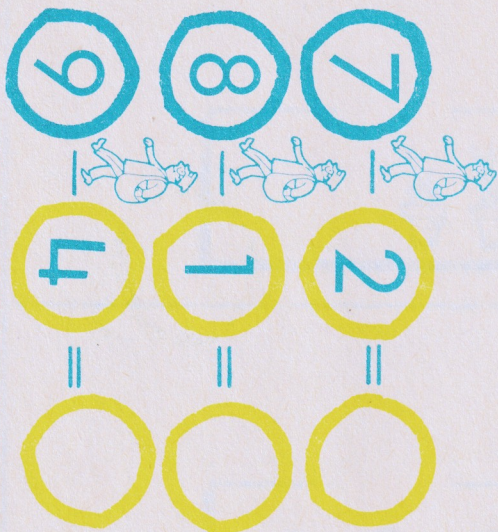
ONE



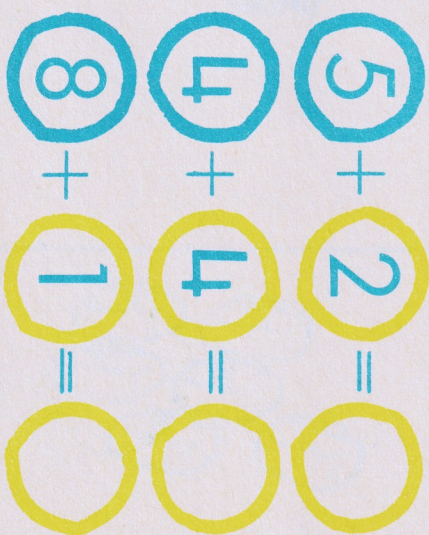
TWO



THREE



FOUR



NAME _____

NAME _____



#4

review

ONE



7



○

=

○



TWO



○



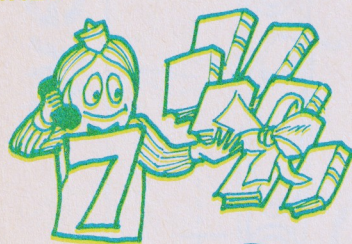
○

=

○



THREE



○



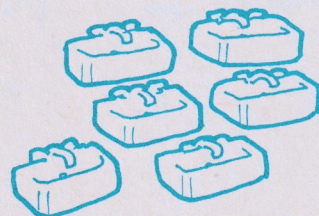
-

○

=

○

FOUR



○



-

○

=

○

NAME _____



money

#1



3¢



4¢



5¢



1¢



2¢



7¢



9¢



6¢



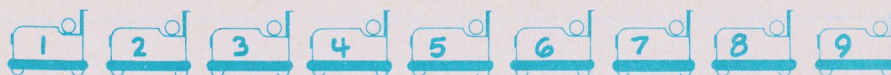
8¢

NAME _____



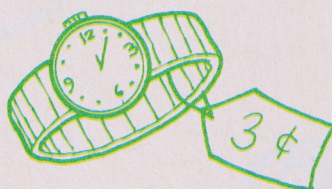
money

#1



ONE

HOW MUCH MONEY IS LEFT?



TWO



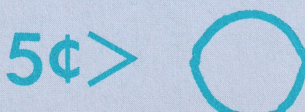
THREE



FOUR MORE THAN



FIVE LESS THAN



NAME _____



#2

money

ONE

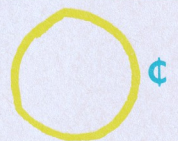
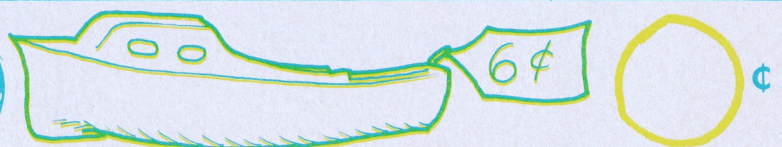


TWO

MATCHING



THREE



NAME _____

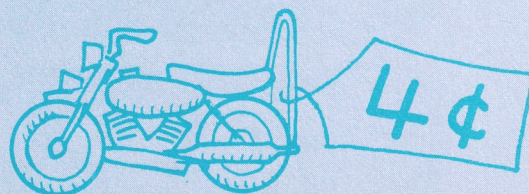
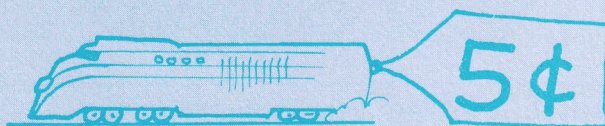
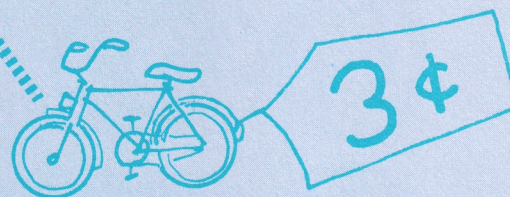
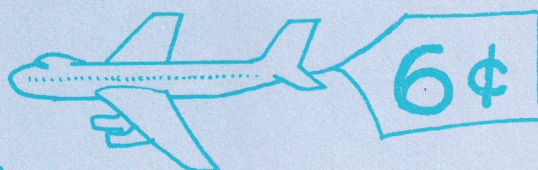
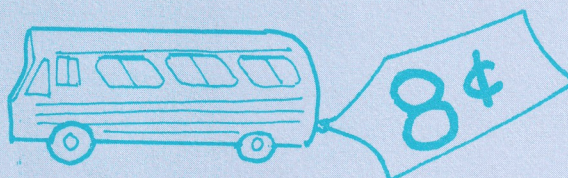
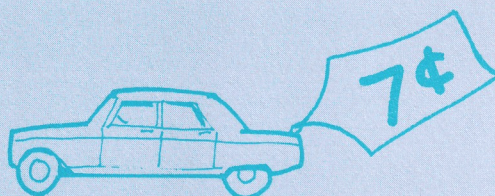


money

#2



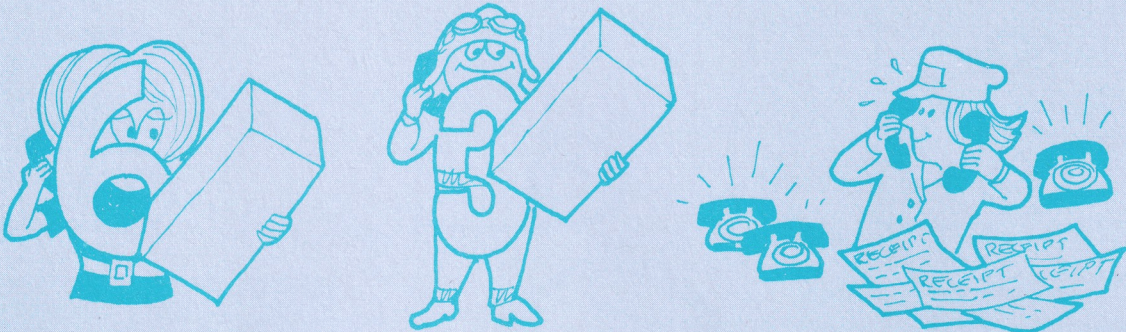
MATCHING



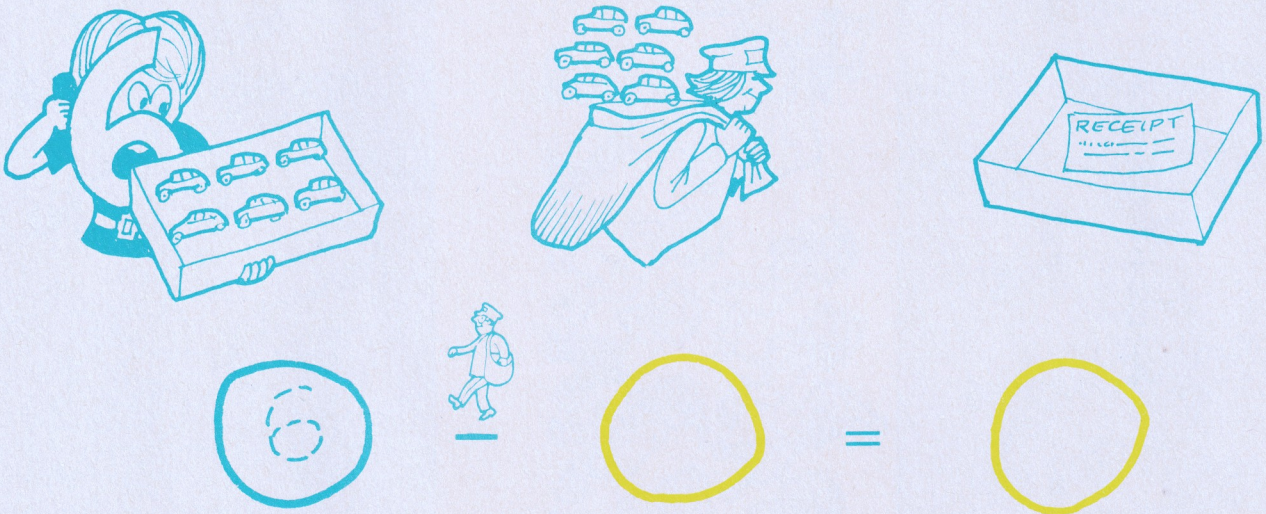
NAME _____



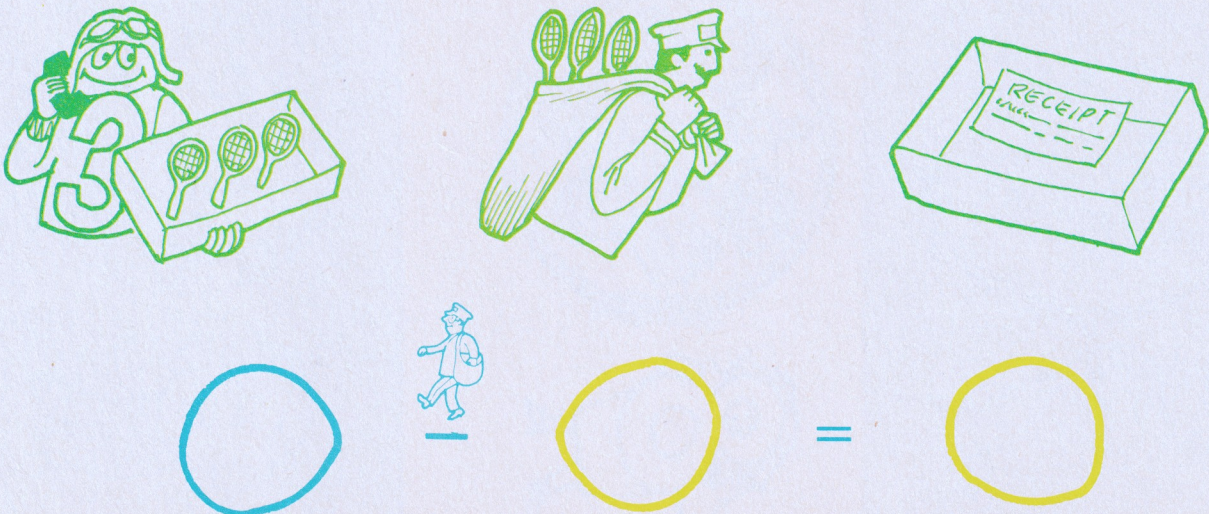
zero



ONE



TWO



NAME _____

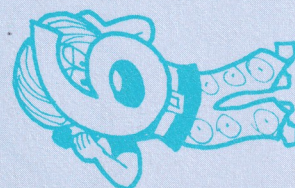
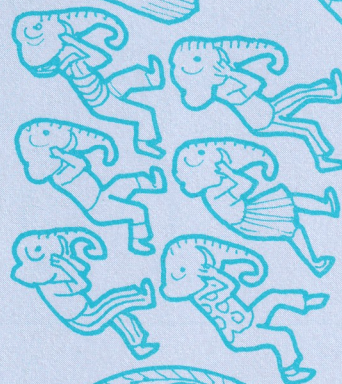
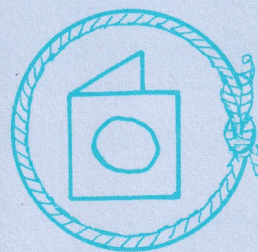
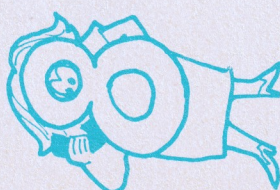
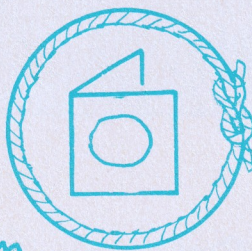
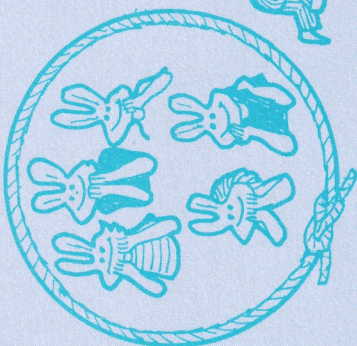
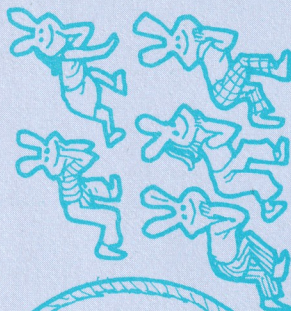
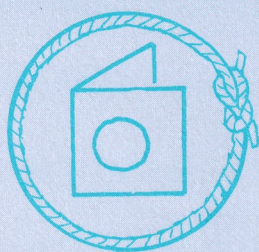


zero

$$6 - 6 = 0$$

$$5 - 5 = 0$$

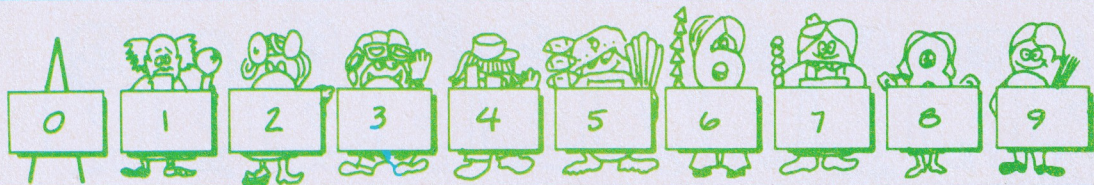
$$8 - 8 = 0$$



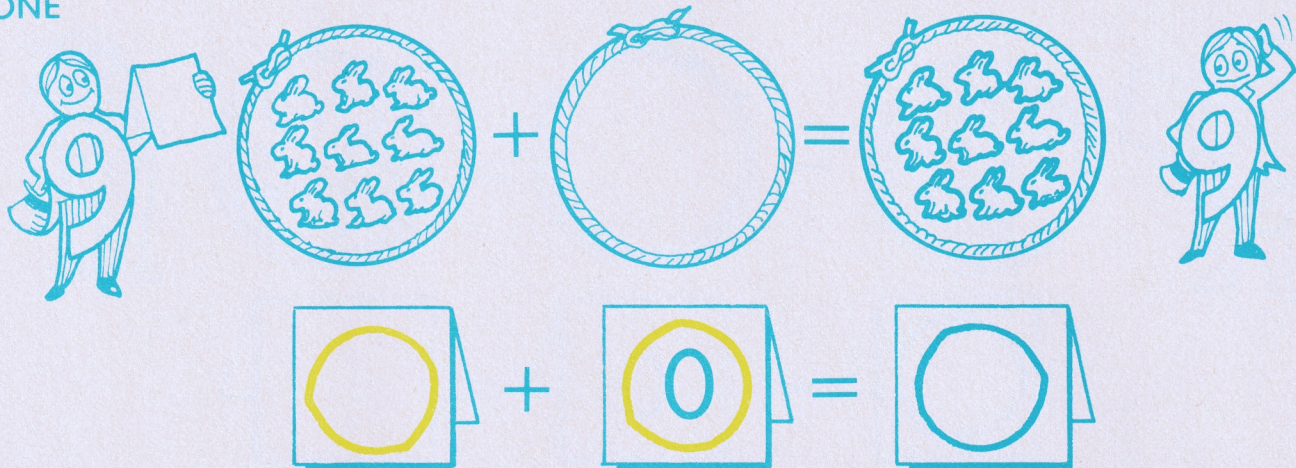
NAME _____



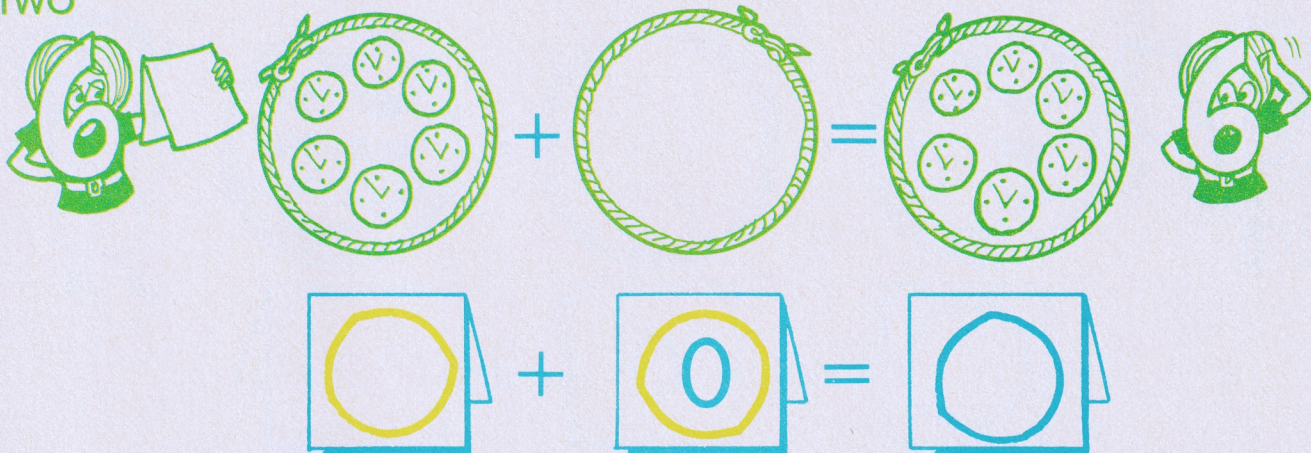
zero in addition



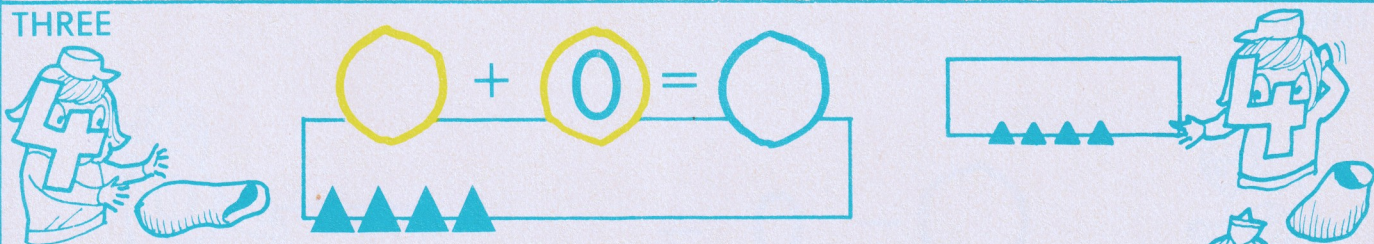
ONE



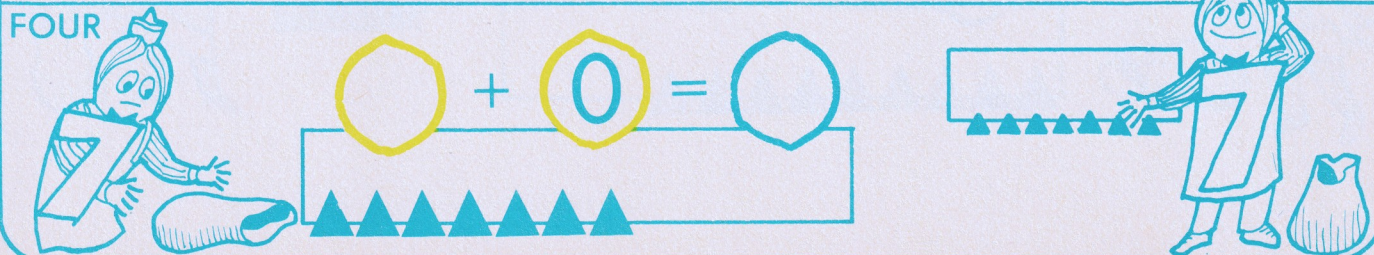
TWO



THREE



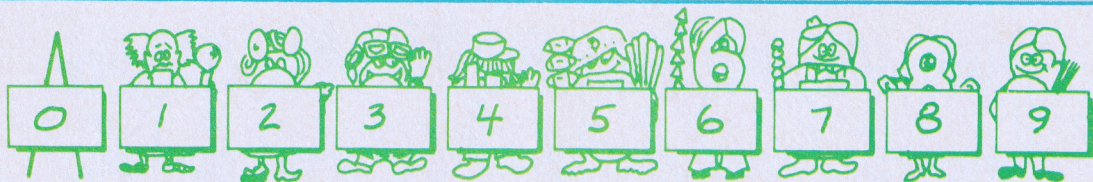
FOUR



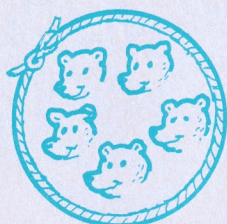
NAME _____



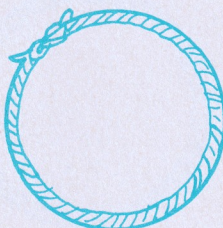
zero in subtraction



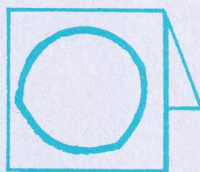
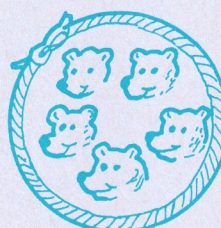
ONE



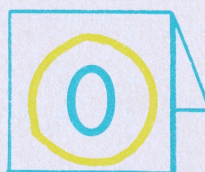
—



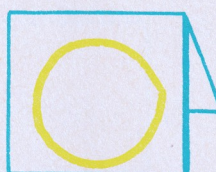
=



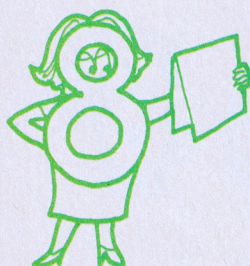
—



=



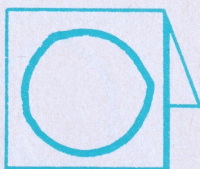
TWO



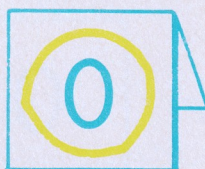
—



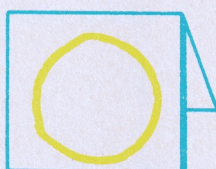
=



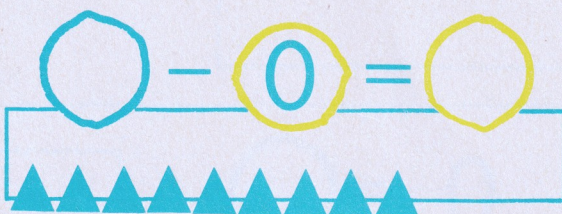
—



=



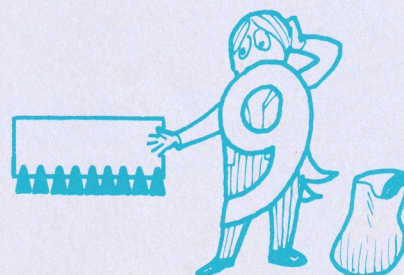
THREE



—



=





NAME _____

START



1 2 3 4 5 6 7 8 9

$$3 + 2 = \bigcirc$$

$$2 + 4 = \bigcirc$$

$$9 - 1 = \bigcirc$$

$$8 + 1 = \bigcirc$$

$$1 + 2 = \bigcirc$$

$$7 - 2 = \bigcirc$$

$$5 + 3 = \bigcirc$$

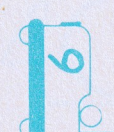
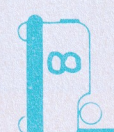
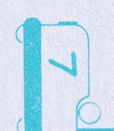
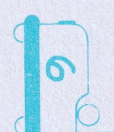
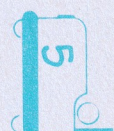
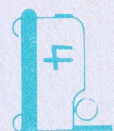
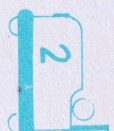
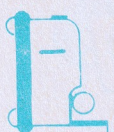
$$4 + 3 = \bigcirc$$

$$8 - 3 = \bigcirc$$

$$4 + 2 = \bigcirc$$

$$7 + 2 = \bigcirc$$

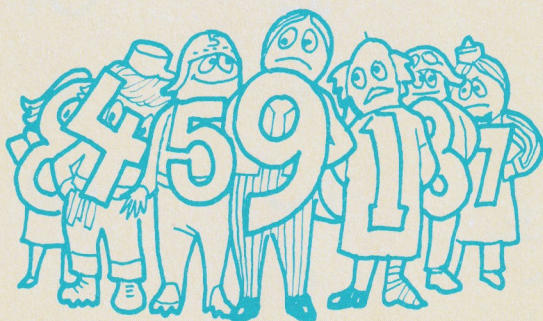
$$6 - 2 = \bigcirc$$



NAME _____



ten



ONE



$$7 + 1 = \bigcirc$$

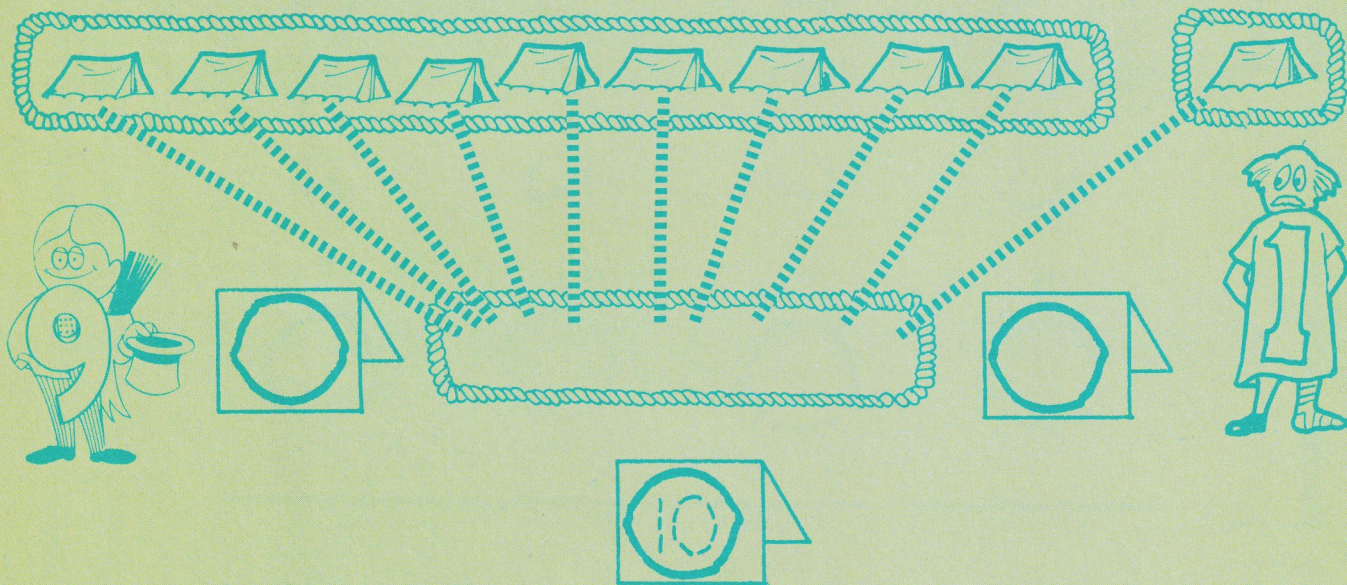


$$8 + 1 = \bigcirc$$

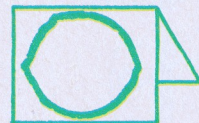


$$9 + 1 = \bigcirc$$

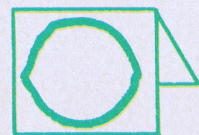
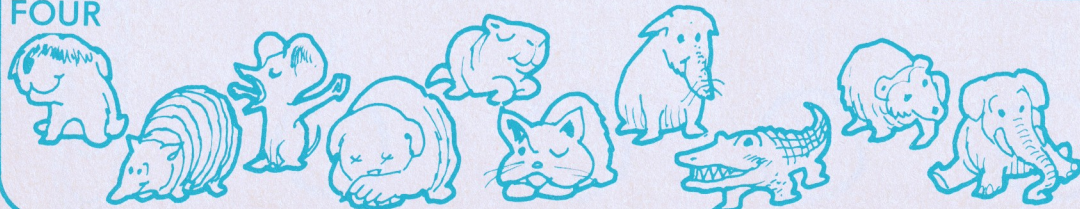
TWO



THREE



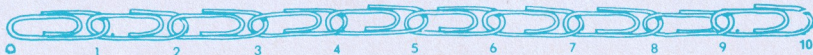
FOUR



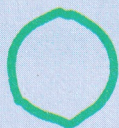


NAME _____

ten on the number line



ONE BEFORE



10



6



3

TWO AFTER

4



7



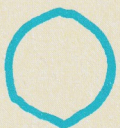
9



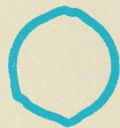
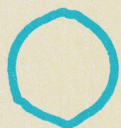
THREE BETWEEN



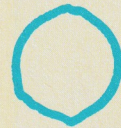
3



9



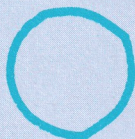
6



FOUR

1

3



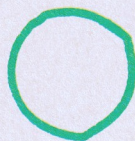
7



FIVE

2

4

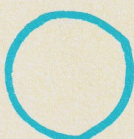


8

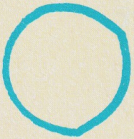


SIX MORE THAN

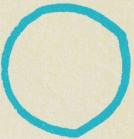
10 >



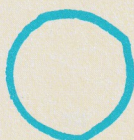
10 >



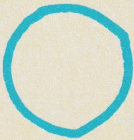
10 >



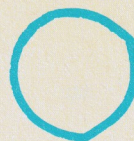
10 >



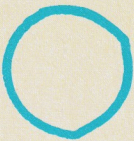
10 >



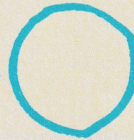
10 >



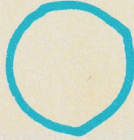
10 >



10 >



10 >



SEVEN

LESS THAN

10 <

NAME _____



ten



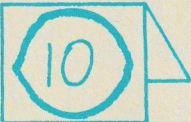
HOW - MANY - MORE - TO - GET - TO - 10

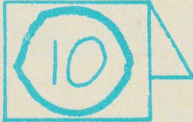
10	+		=	10
9	+		=	10
8	+		=	10
7	+		=	10
6	+		=	10
5	+		=	10
4	+		=	10
3	+		=	10
2	+		=	10
1	+		=	10
0	+		=	10

NAME _____



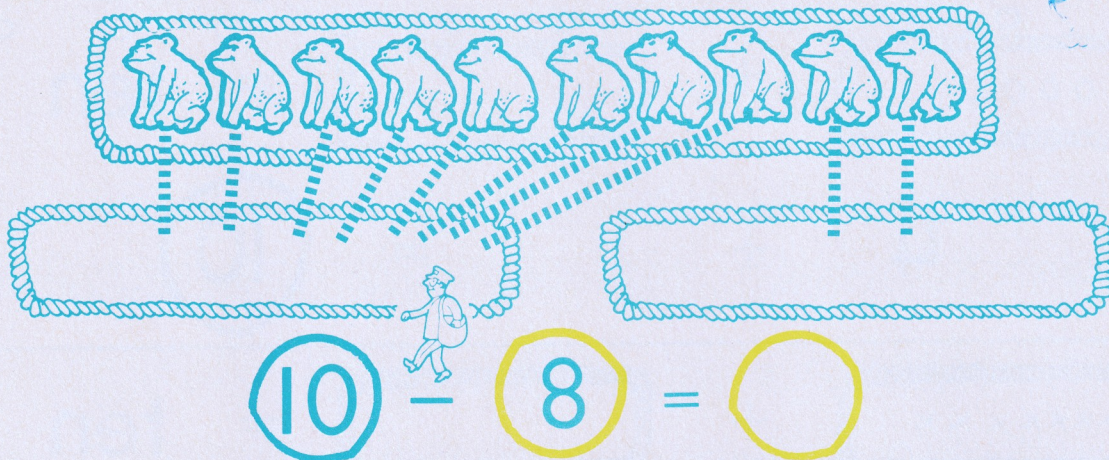
ten in subtraction

TEN = 

TEN = 

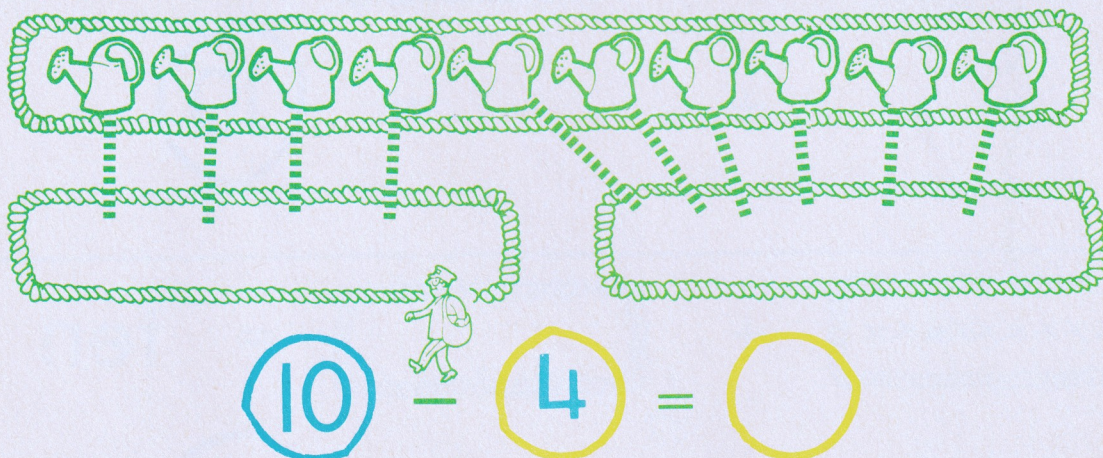
TEN = 

ONE



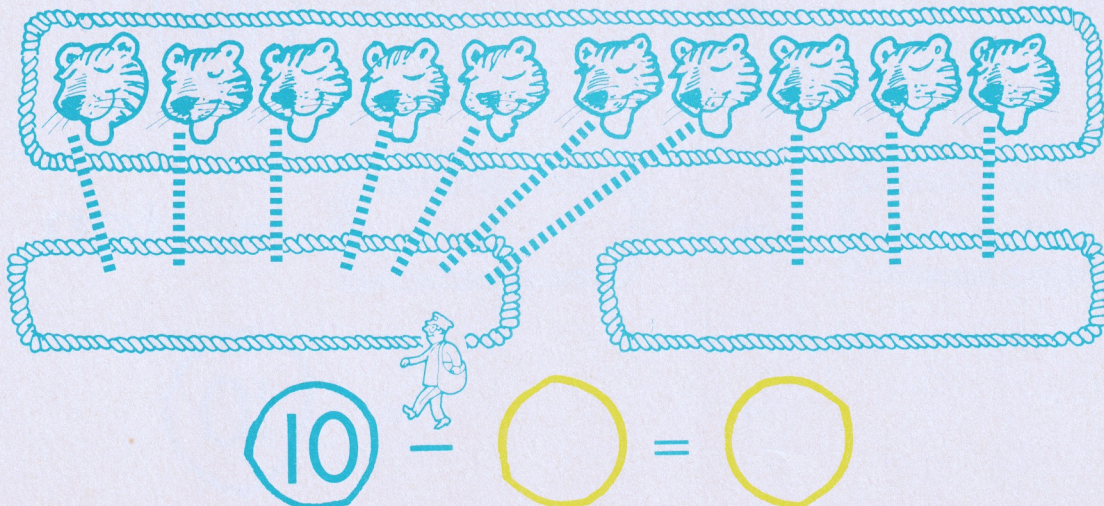
$10 - 8 = \bigcirc$

TWO



$10 - 4 = \bigcirc$

THREE

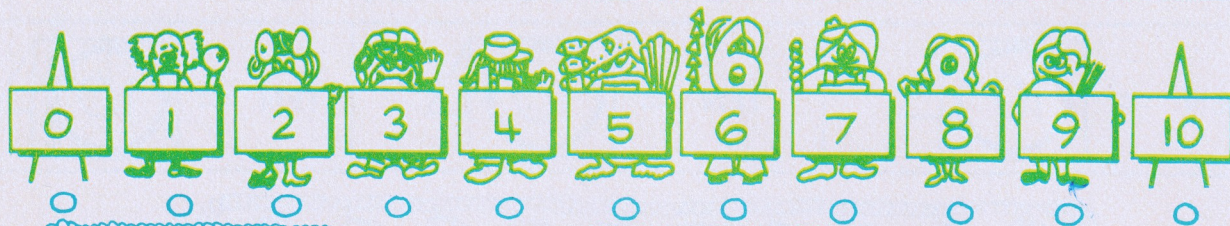


$10 - \bigcirc = \bigcirc$

NAME _____



making 10



+



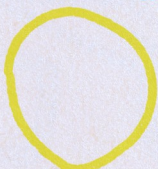
=

ten

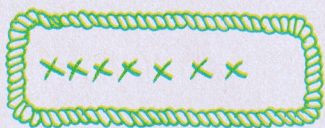
ONE



+



=



+



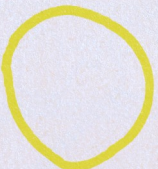
=

ten

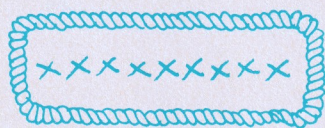
TWO



+



=



+



=

ten

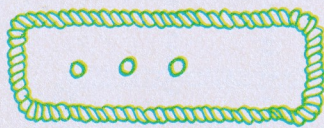
THREE



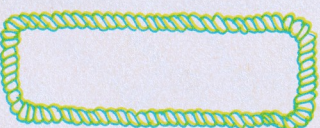
+



=



+



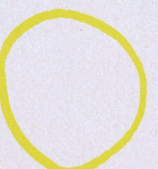
=

ten

FOUR



+



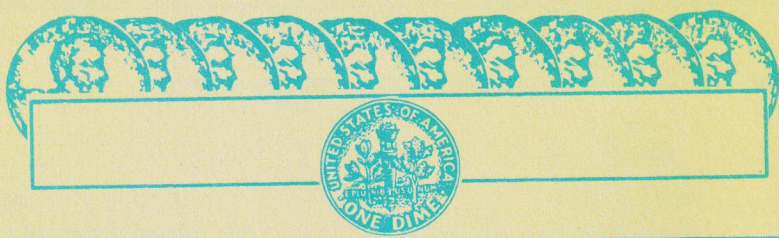
=



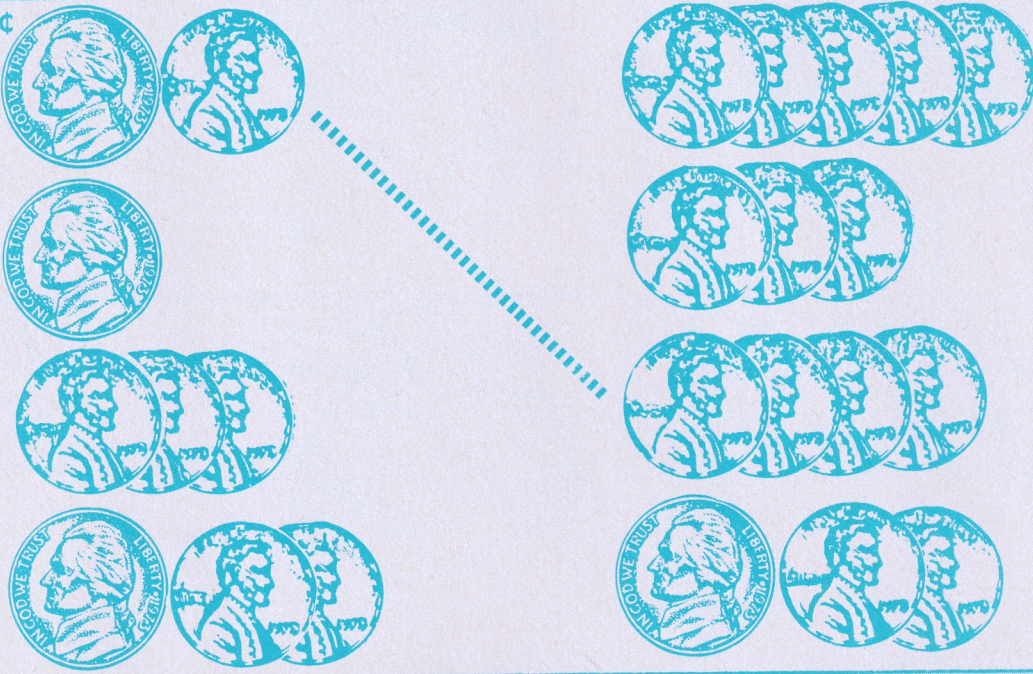


NAME _____

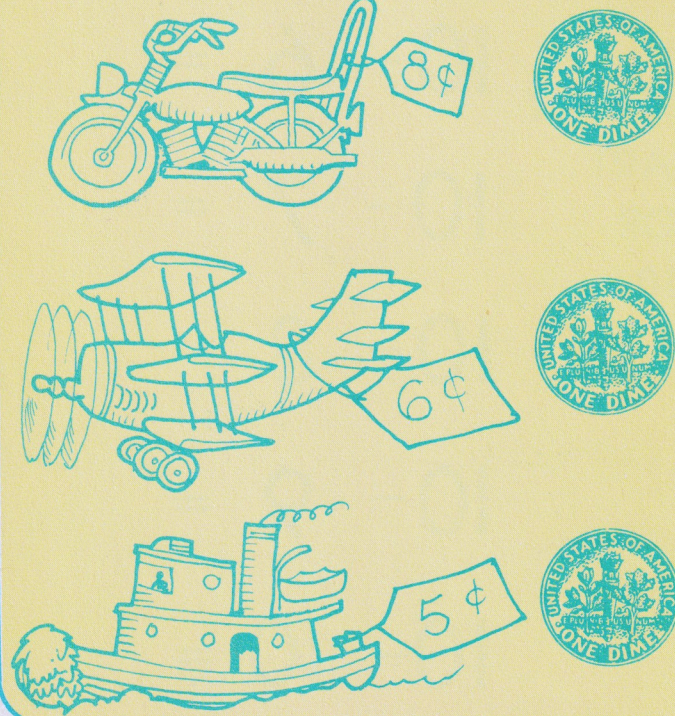
money:dime



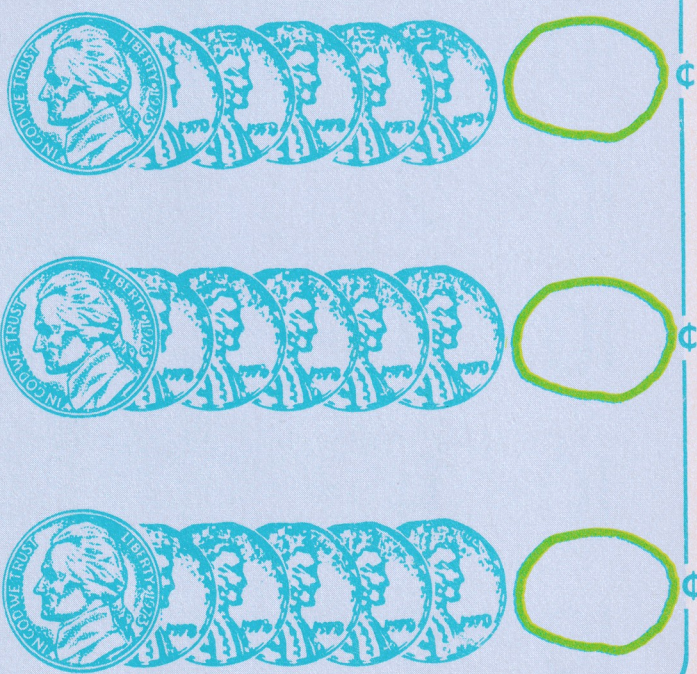
MAKING 10¢



BUYING WITH A DIME



CHANGE FOR A DIME



NAME _____



ten in subtraction



ONE



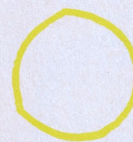
10



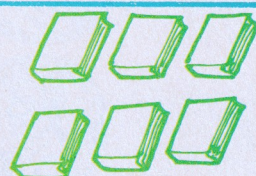
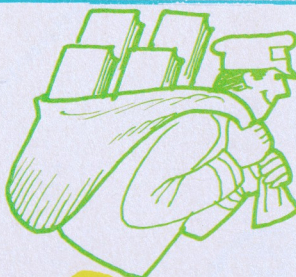
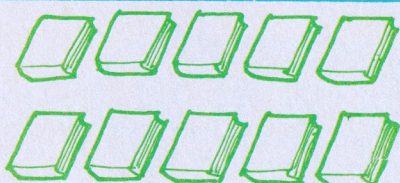
—



=



TWO



10



—



=

THREE

$$10 - 1 = \bigcirc$$

$$10 - 2 = \bigcirc$$

$$10 - 3 = \bigcirc$$

$$10 - 4 = \bigcirc$$

$$10 - 5 = \bigcirc$$

TAKE AWAY
CHART
FOR
10

$$10 - 6 = \bigcirc$$

$$10 - 7 = \bigcirc$$

$$10 - 8 = \bigcirc$$

$$10 - 9 = \bigcirc$$

$$10 - 10 = \bigcirc$$

NAME _____



review

#5



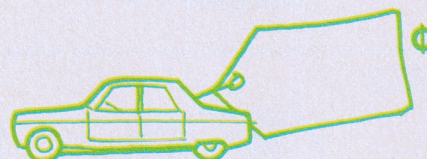
ONE



+



=



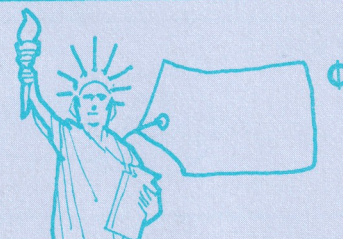
TWO



+



=



THREE



=



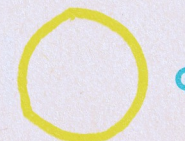
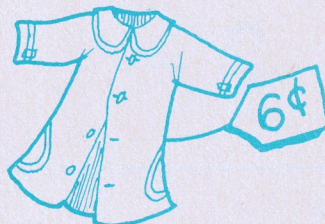
FOUR



=



FIVE HOW MUCH MONEY IS LEFT?



NAME _____



review

#5

ONE



$$6 + 0 = \bigcirc$$



TWO



$$2 + 0 = \bigcirc$$



THREE



$$8 - \text{[person]} 0 = \bigcirc$$



FOUR



$$5 - \text{[person]} 0 = \bigcirc$$



FIVE

AFTER



SIX

BEFORE



SEVEN

$$5 + 2 =$$

$$8 + 2 =$$

EIGHT

$$10 - \text{[person]} 2 = \bigcirc$$

$$10 - \text{[person]} 10 = \bigcirc$$

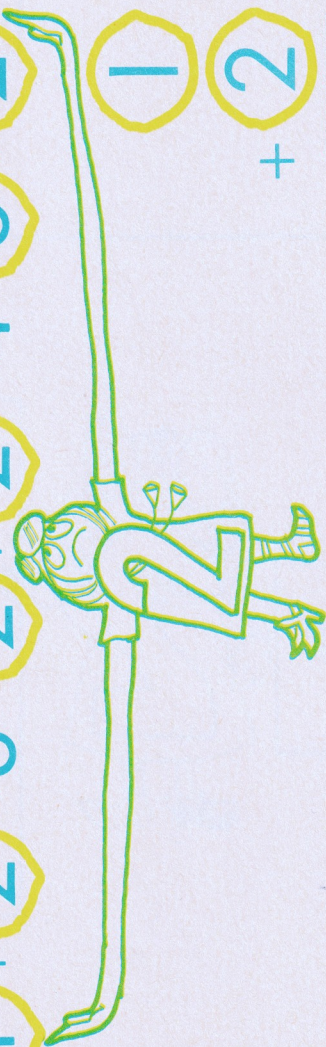
NAME _____



vertical form for addition

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

$$1 + 2 = 3 \quad 2 + 2 = 4 \quad 3 + 2 =$$



$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$



NAME _____



vertical form for addition

$$1 + 3 = 4$$

$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$

$$\textcircled{3} + \textcircled{4} = 7$$



$$\begin{array}{r} \textcircled{3} \\ + \textcircled{4} \\ \hline 7 \end{array}$$

$$\textcircled{5} + \textcircled{2} = 7$$



$$\begin{array}{r} \textcircled{} \\ + \textcircled{} \\ \hline \end{array}$$

NAME _____



vertical form for addition

1 2 3 4 5 6 7 8 9

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

NAME _____

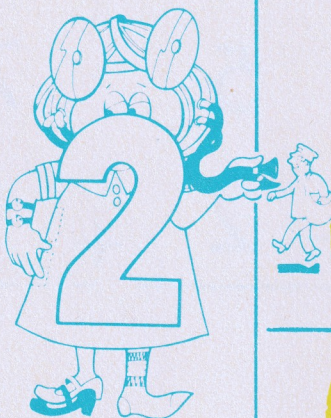


vertical form for subtraction

$$3 - 1 = 2$$

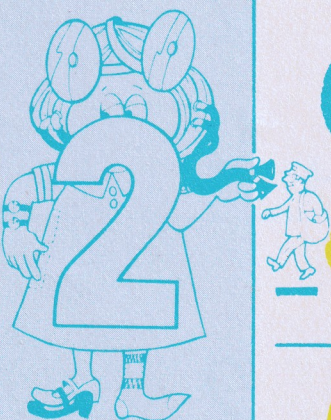
$$\begin{array}{r} 3 \\ -1 \\ \hline 2 \end{array}$$

$$4 - 1 = 3$$



$$\begin{array}{r} 4 \\ -1 \\ \hline 0 \end{array}$$

$$5 - 2 = 3$$



$$\begin{array}{r} 5 \\ -2 \\ \hline 0 \end{array}$$

NAME _____



vertical form for subtraction

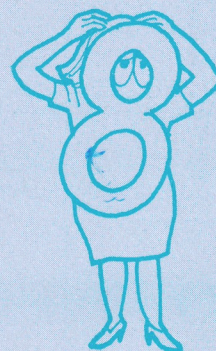
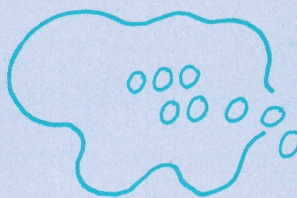
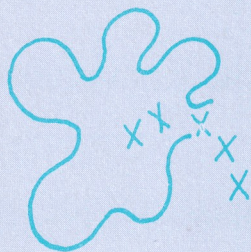
$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$	$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$
$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$
$\begin{array}{r} 5 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$

NAME _____

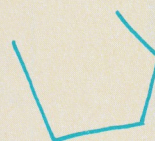
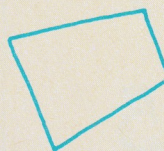
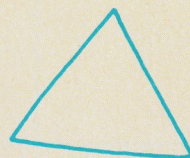
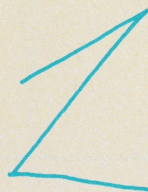
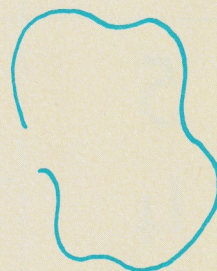
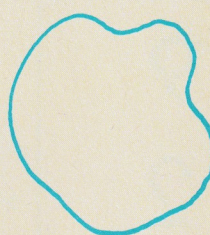


open and closed curves

ONE



TWO



THREE



REMEMBERING



$$\textcircled{8} + \textcircled{1} =$$

$$8 - \textcircled{2} = \textcircled{\quad}$$

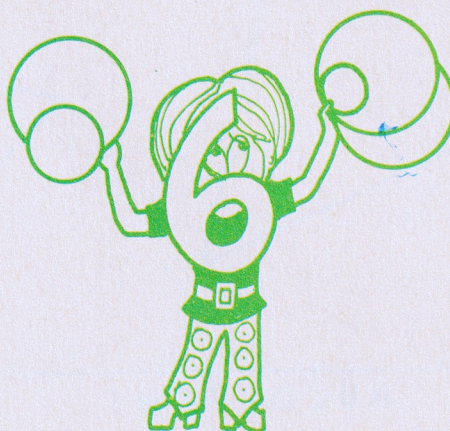
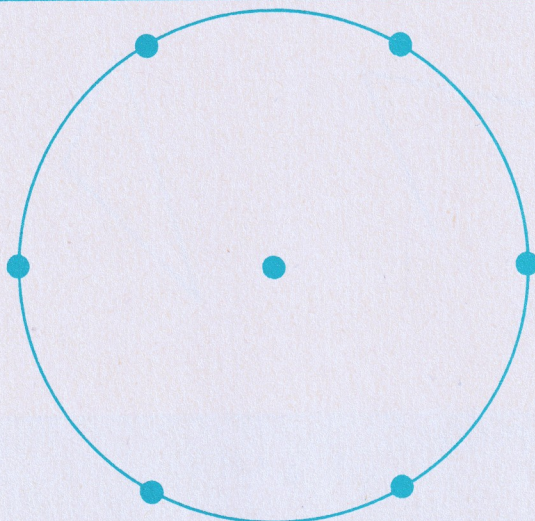
8	$\textcircled{8}$
$\textcircled{2}$	$\textcircled{1}$
$\textcircled{\quad}$	$\textcircled{\quad}$

NAME _____

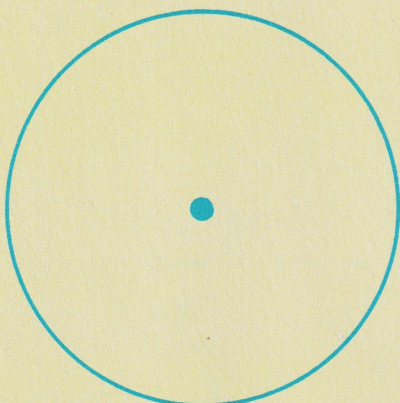


circles

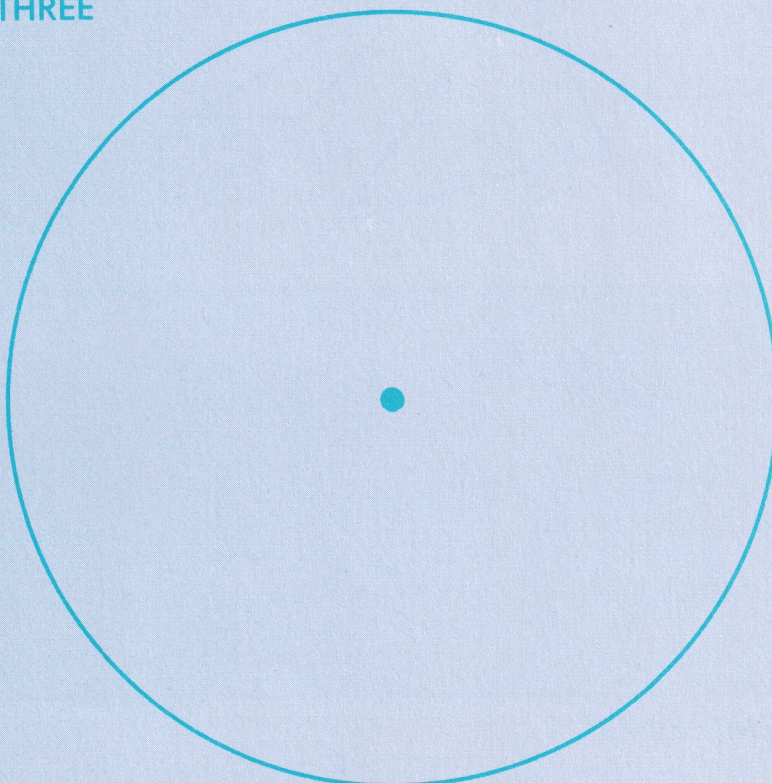
ONE



TWO



THREE



REMEMBERING



$$\textcircled{5}$$

+

$$\textcircled{1}$$

=

5



-

$$\textcircled{2}$$

=



$$\begin{array}{r} \textcircled{5} \\ + \textcircled{2} \\ \hline \end{array}$$



$$\begin{array}{r} 5 \\ - \textcircled{1} \\ \hline \end{array}$$

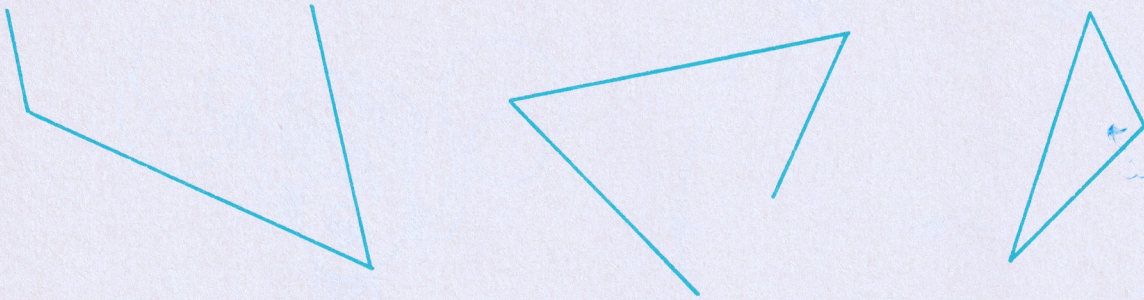


NAME _____



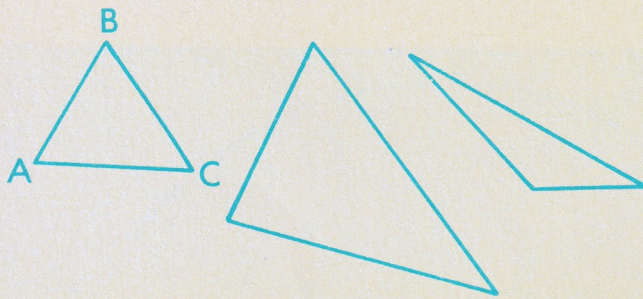
triangles

ONE



TWO

A B C D E F G H I



THREE

● K

● L

● J

Triangle _____

FOUR



REMEMBERING



$$\textcircled{6} + \textcircled{1} =$$

$$6 - \textcircled{1} = \textcircled{\quad}$$

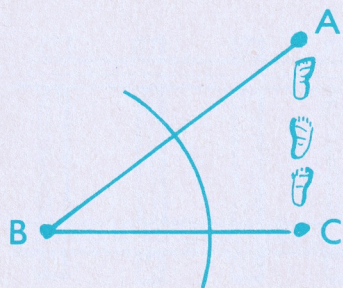
$$\begin{array}{r} \textcircled{6} \\ + \textcircled{2} \\ \hline \textcircled{\quad} \end{array} \quad \begin{array}{r} 6 \\ - \textcircled{2} \\ \hline \textcircled{\quad} \end{array}$$

NAME _____



angles

ONE A B C D E F G H I J K L

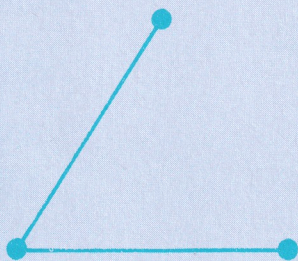


Angle ABC

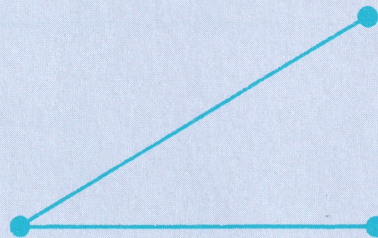
TWO



Angle _____

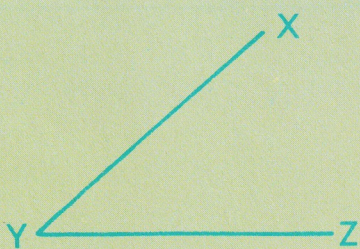


Angle _____



Angle _____

THREE



Triangle _____

Angle _____

Angle _____

Angle _____

REMEMBERING

$$\textcircled{4} + \textcircled{1} =$$

$$4 - \textcircled{2} = \textcircled{\quad}$$

$$\begin{array}{r} 4 \\ - \textcircled{1} \\ \hline \textcircled{\quad} \end{array} \quad \begin{array}{r} \textcircled{4} \\ + \textcircled{2} \\ \hline \textcircled{\quad} \end{array}$$

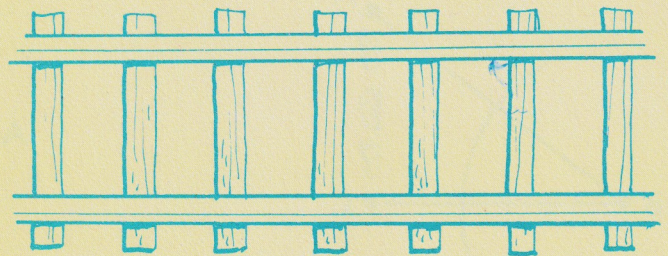
NAME _____



parallel lines

ONE
C _____ B
A _____ D
LINE _____
LINE _____

TWO
J •
E • F
G • H



THREE
K L M
N O P

FOUR
Q
R
S
T

U
V
W
X

FIVE
Z
Y I
Angle _____
Angle _____
Angle _____

REMEMBERING



$$\begin{array}{r} 7 + 1 = \bigcirc \\ 7 - 2 = \bigcirc \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \\ 7 \\ - 1 \\ \hline \end{array}$$

NAME _____



rectangles

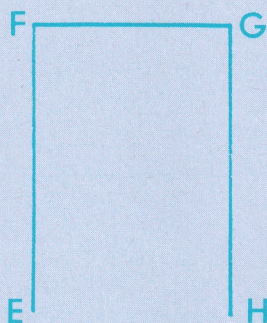
ONE



Parallel lines

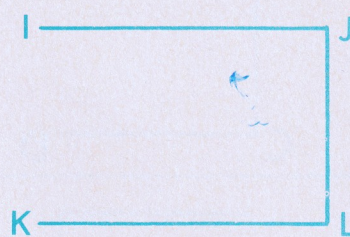
_____ & _____
 _____ & _____

TWO



Angle _____

THREE

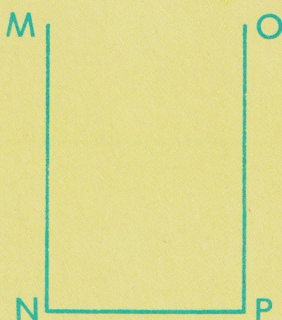


RECTANGLE

FOUR

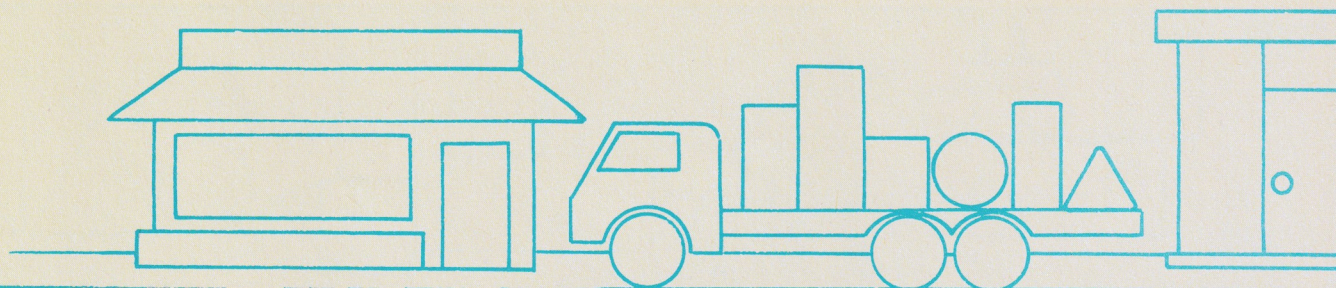
PARALLEL LINES

_____ & _____
 _____ & _____



Angle _____

FIVE



REMEMBERING



$$\textcircled{3} + \textcircled{1} =$$

$$3 - \textcircled{1} = \textcircled{\quad}$$

$$\textcircled{3} + \textcircled{2} =$$

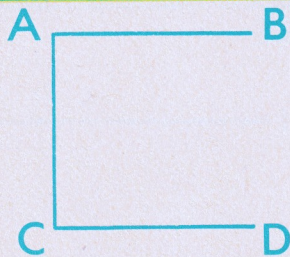
$$3 - \textcircled{2} = \textcircled{\quad}$$

NAME _____



squares

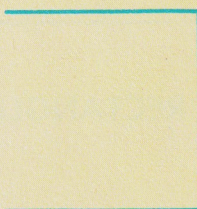
ONE



~~A B C D~~ E F G H I J K L M N O P

right angle = $\angle BAC$
 right angle =
 right angle =
 right angle =

TWO



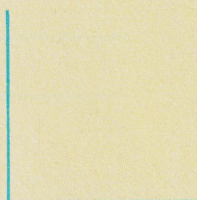
right angle =
 right angle =
 right angle =
 right angle =

THREE



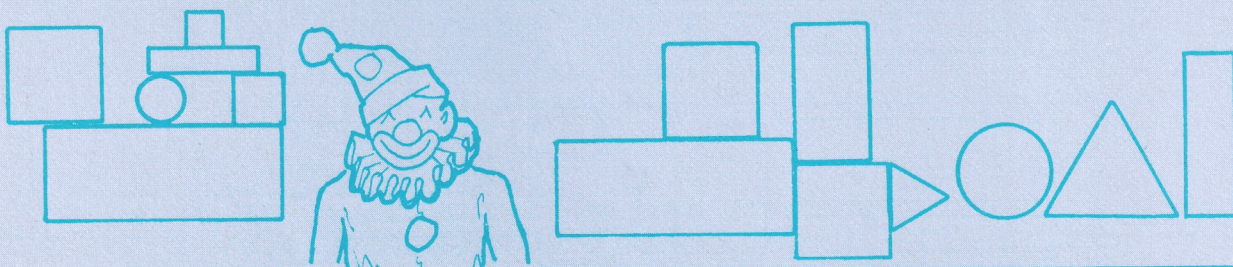
right angle =
 right angle =
 right angle =
 right angle =

FOUR



right angle =
 right angle =
 right angle =
 right angle =

FIVE



REMEMBERING



$$2 + 1 = \bigcirc$$

$$2 - 1 = \bigcirc$$

$$2 + 2 = \bigcirc$$

$$2 - 2 = \bigcirc$$

NAME _____



patterns

ONE



TWO



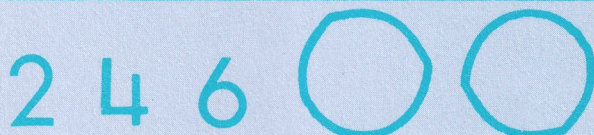
THREE



FOUR



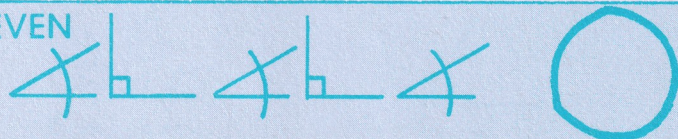
FIVE



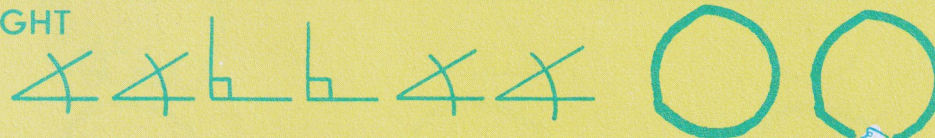
SIX



SEVEN



EIGHT



REMEMBERING



$$8 + 2 =$$

$$5 + 2 =$$

$$7 + 2 =$$

$$6 - 2 =$$

$$10 - 1 =$$

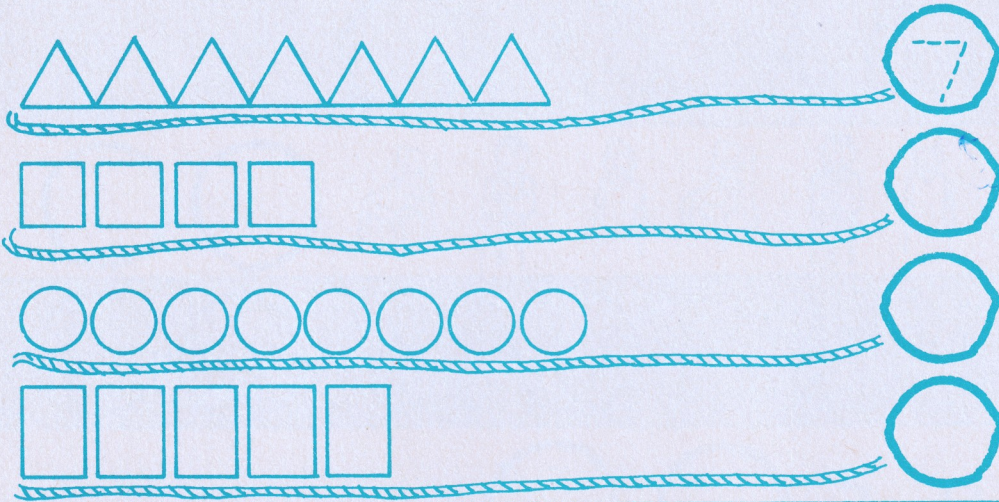
$$8 - 2 =$$

NAME _____

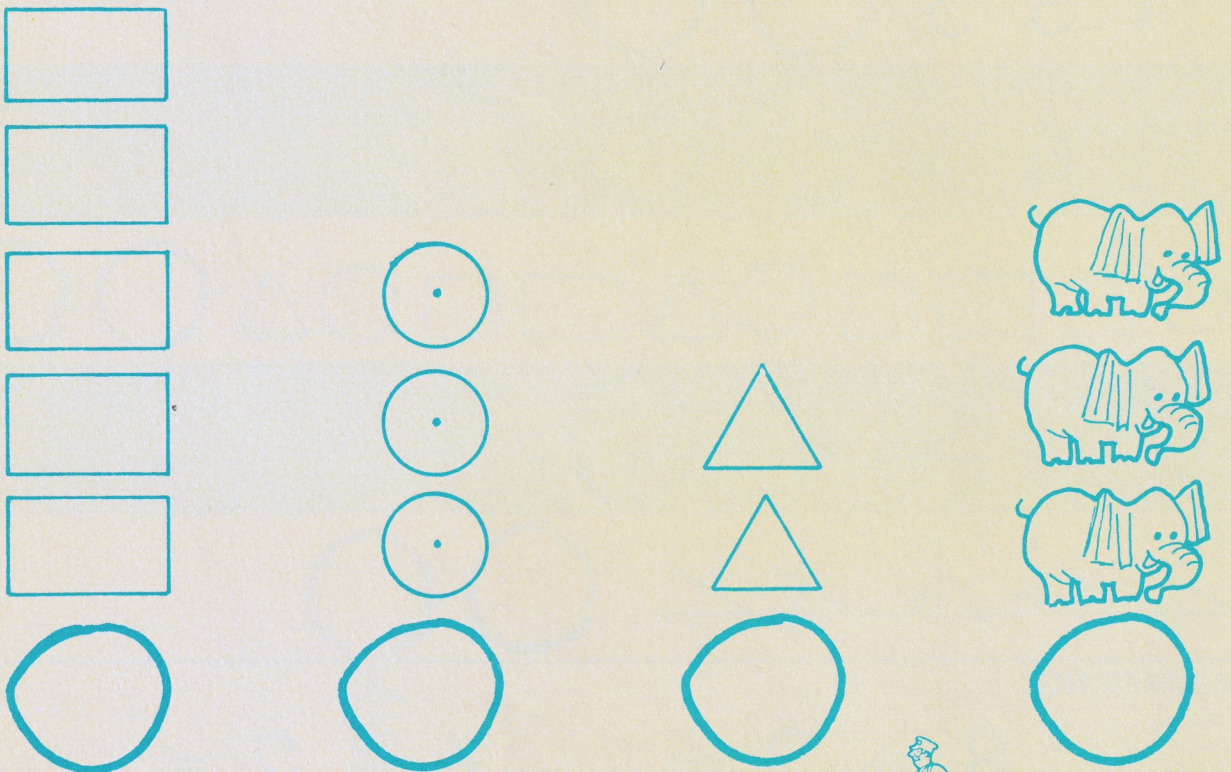


picture graphs

ONE



TWO



REMEMBERING



$$\begin{array}{l} 6 + 3 = \\ 4 + 3 = \\ 3 + 3 = \end{array}$$

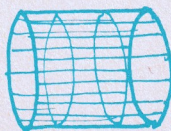
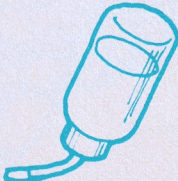
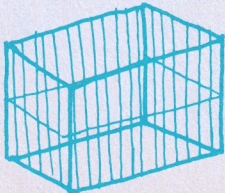
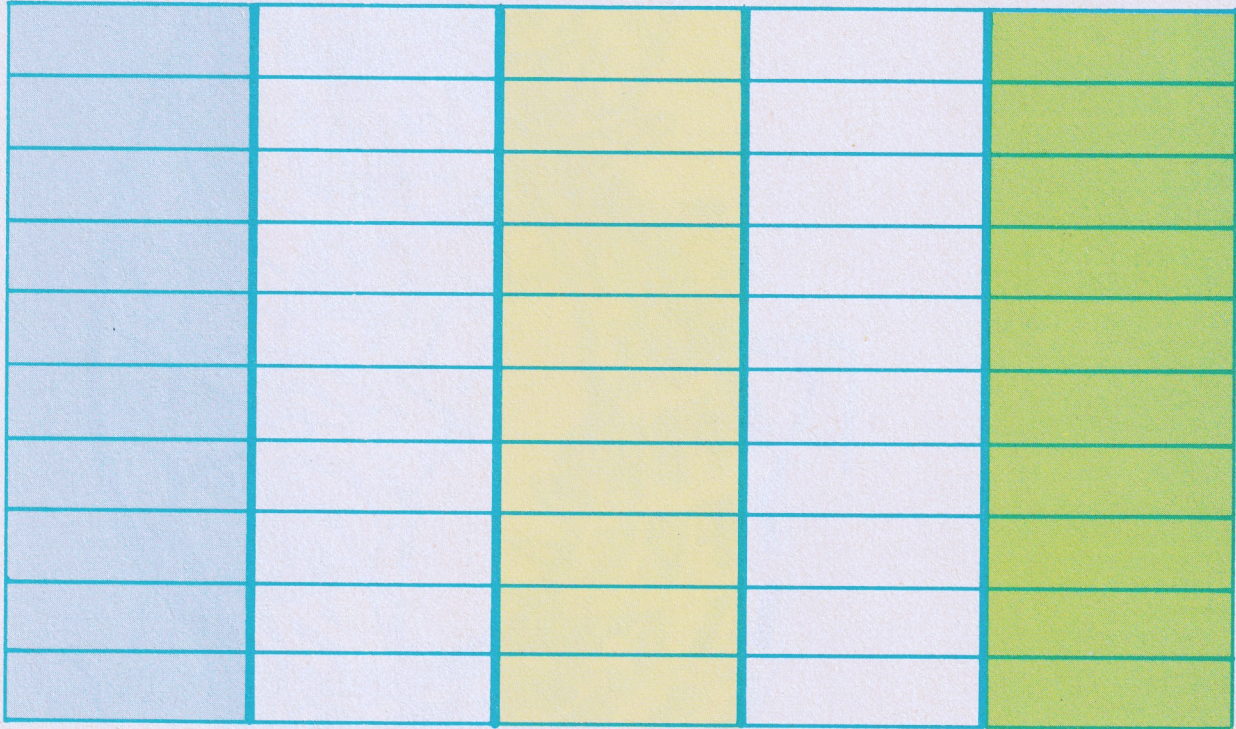
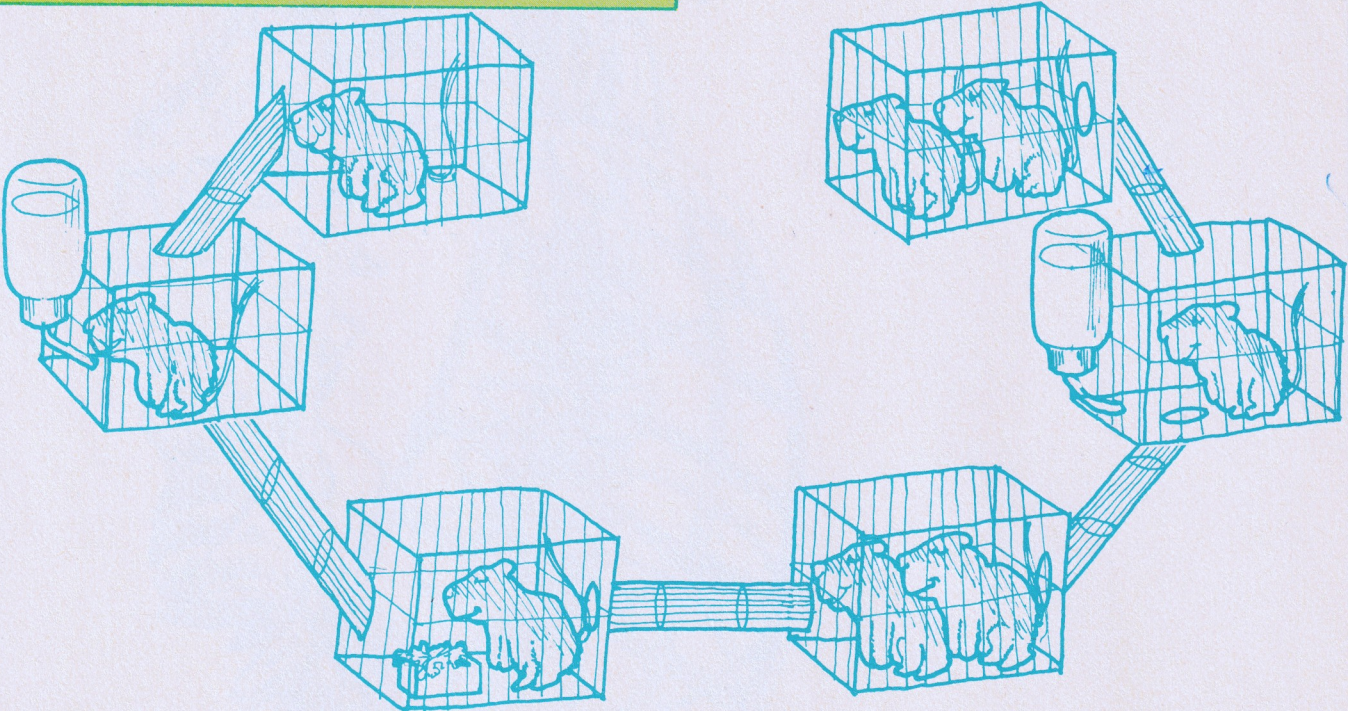


$$\begin{array}{l} 10 - 2 = \\ 6 - 2 = \\ 2 - 2 = \end{array}$$

NAME _____



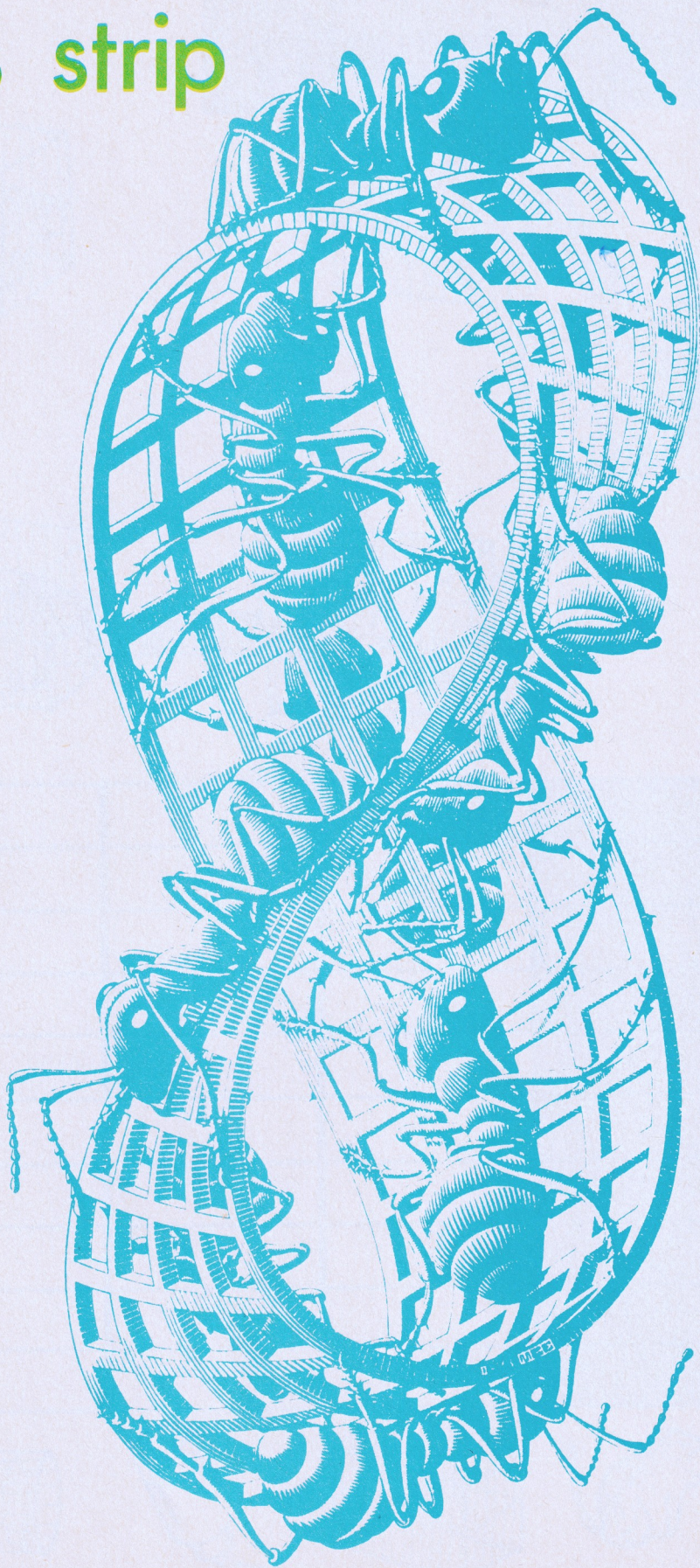
bar graphs



NAME _____



moebius strip

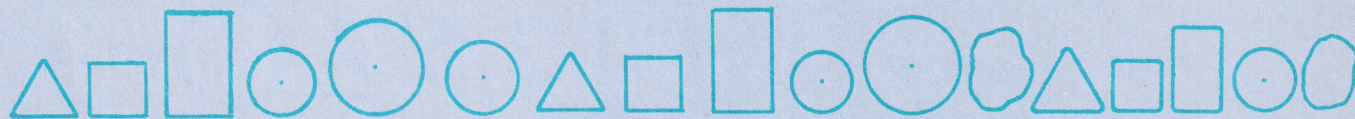


NAME _____



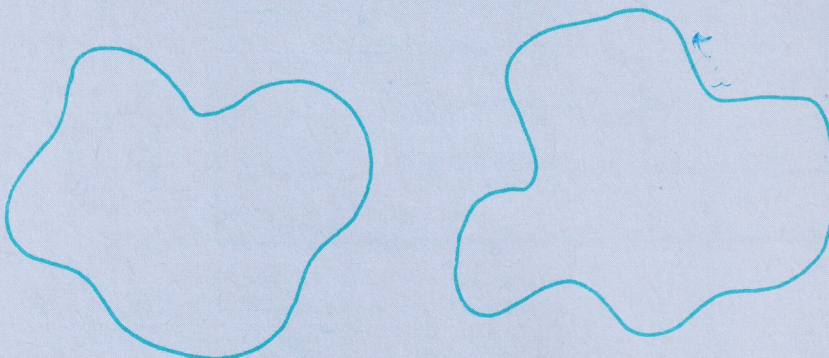
review

#6

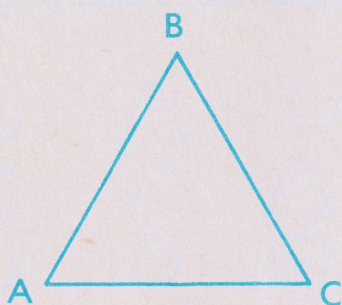


ONE

XXXXXX



TWO



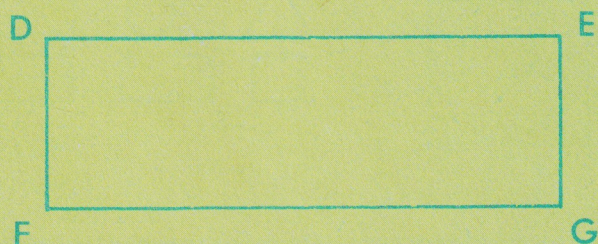
triangle _____

angle _____

angle _____

angle _____

THREE



rectangle _____

parallel lines _____ and _____

parallel lines _____ and _____

REMEMBERING



$$7 + 2 =$$

$$5 + 3 =$$

$$9 - 2 =$$

$$4 + 3 =$$

$$6 - 3 =$$

$$8 - 1 =$$

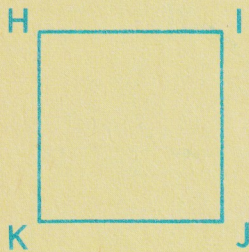
NAME _____



review

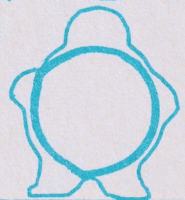
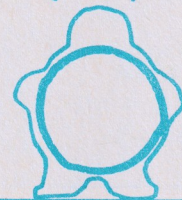
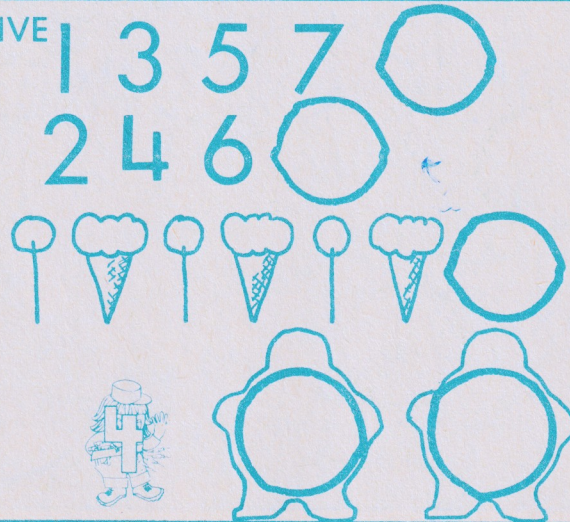
#6

FOUR

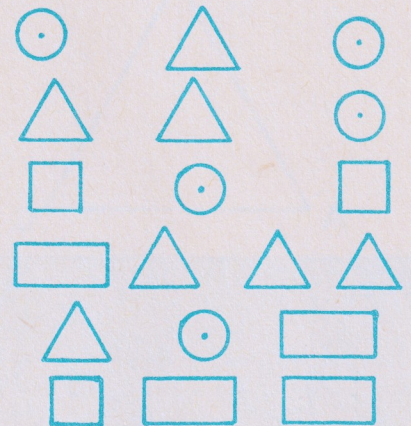
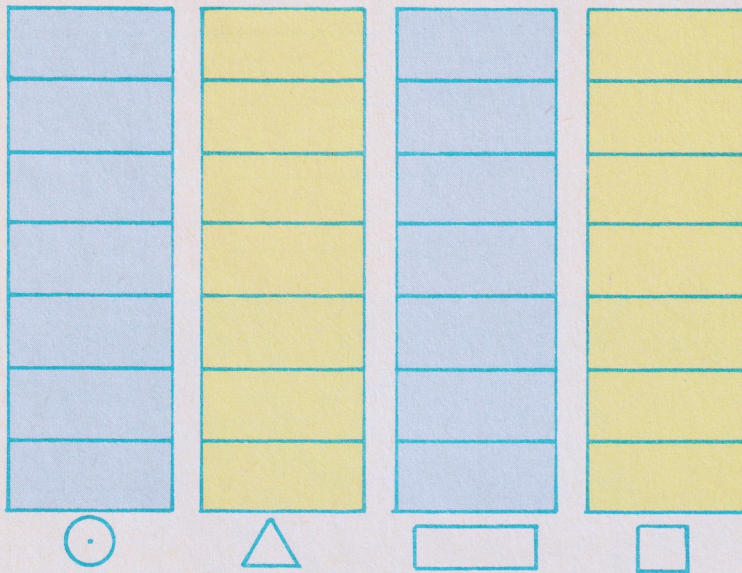


square _____
 right angle _____
 right angle _____
 right angle _____
 right angle _____

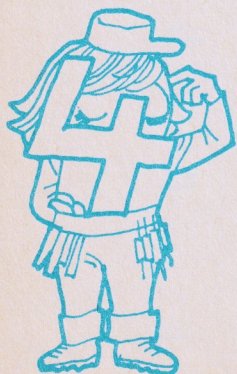
FIVE



SIX



REMEMBERING



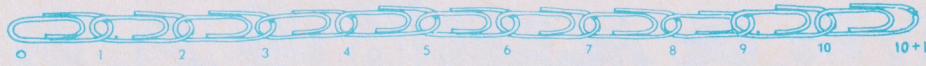
$$\begin{array}{l} (5) + (4) = \\ (3) + (2) = \\ 8 - (8) = \bigcirc \\ 6 - (4) = \bigcirc \end{array}$$

$$\begin{array}{l} (4) + (3) = \\ (6) + (4) = \\ 9 - (3) = \bigcirc \\ 10 - (4) = \bigcirc \end{array}$$

NAME _____



place value 10+1



ONE BEFORE 7 10+1 10 1

TWO 10 AFTER 3 6 8

THREE 1 BETWEEN 5 10

REMEMBERING



$$6 + \text{ } = 10$$

$$5 + \text{ } = 10$$

$$8 + \text{ } = 10$$

$$7 + \text{ } = 10$$

$$10 + \text{ } = 10$$

$$9 + \text{ } = 10$$

$$4 + \text{ } = 10$$

$$3 + \text{ } = 10$$

$$2 + \text{ } = 10$$

$$1 + \text{ } = 10$$

NAME _____



place value II



TENS ONES

ONE

	1
--	---



ELEVEN = 11

TWO

--	--



$10 + 1 = \text{ELEVEN}$

THREE

--	--



$10 + 1 = 11$

FOUR

--	--



ELEVEN =

FIVE

--	--



$10 + 1 =$

SIX

--	--



SEVEN

--	--



EIGHT

--	--



NINE

--	--



TEN

--	--



TEN AND ONE MORE

--	--



REMEMBERING



$$5 + 5 =$$

$$8 - 8 =$$

$$4 + 4 =$$

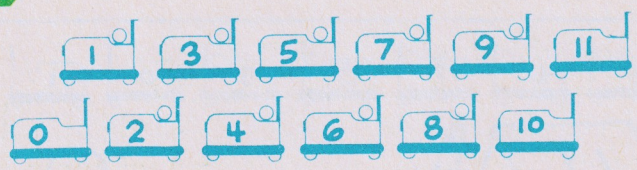
$$10 - 4 =$$



NAME _____



AT 10, ADD ONE MORE TO GET TO 11



10 + 1 = 11

9 + ~~1+1~~ 2 = 11

8 + ~~2+1~~ 3 = 11

7 + ~~3+1~~ = 11

6 + ~~4+1~~ = 11

5 + ~~5+1~~ = 11

4 + ~~6+1~~ = 11

3 + ~~7+1~~ = 11

2 + ~~8+1~~ = 11

1 + ~~9+1~~ = 11

10 + = 11

9 + = 11

8 + = 11

7 + = 11

6 + = 11

5 + = 11

4 + = 11

3 + = 11

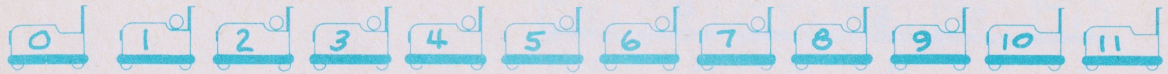
2 + = 11

1 + = 11

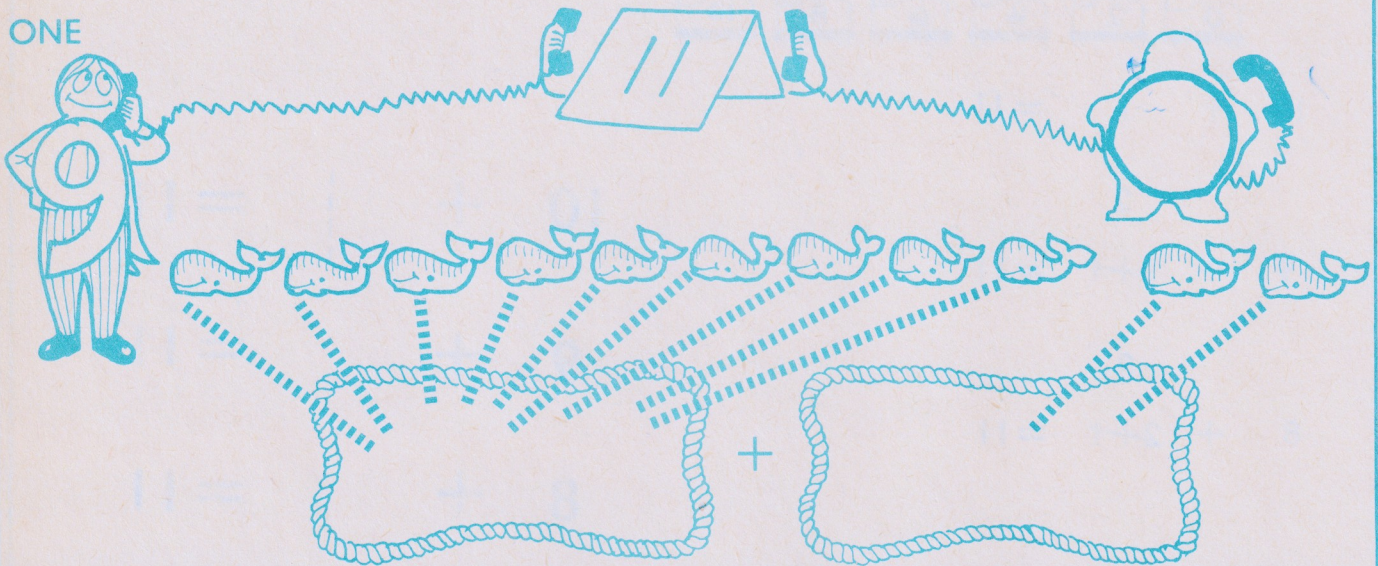
NAME _____



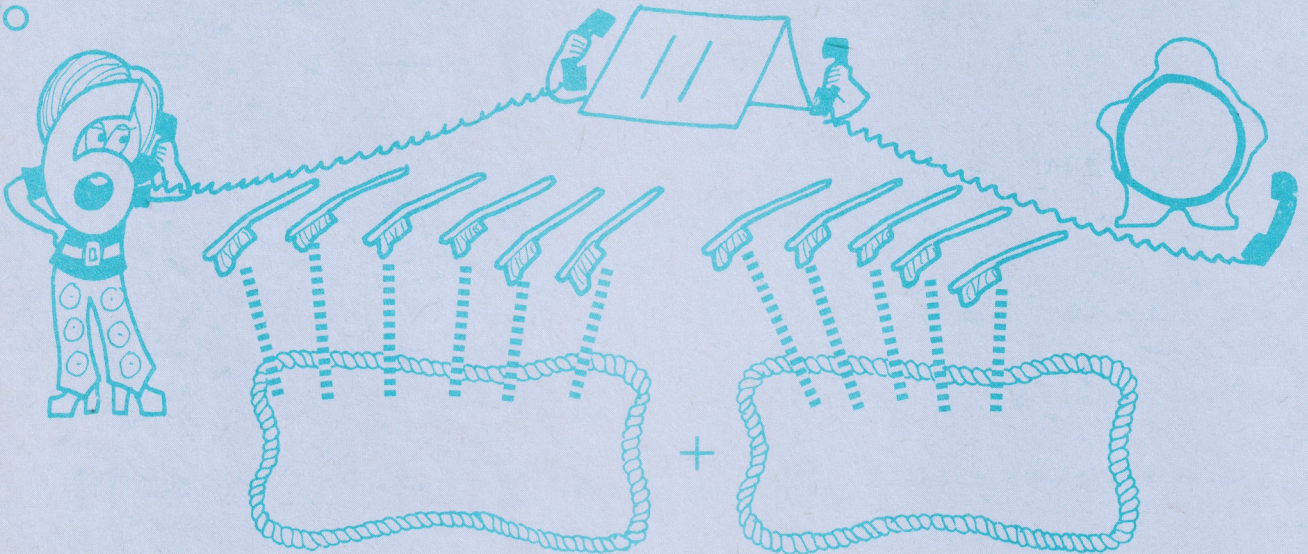
11 in addition



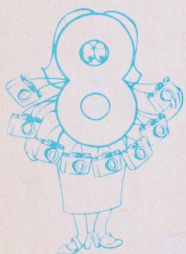
ONE



TWO



REMEMBERING



$$8 + 3 =$$

$$0 + 9 =$$

$$6 + 4 =$$

$$5 + 0 =$$

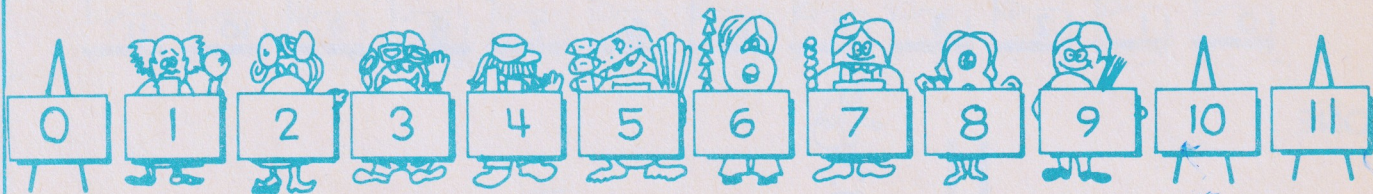
$$7 + 4 =$$

$$9 + 2 =$$

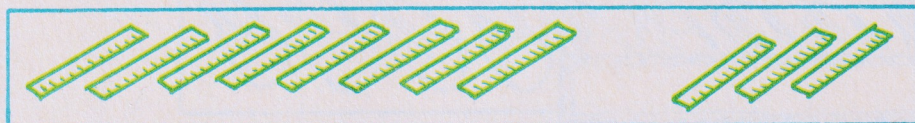
NAME _____



11 in addition



MATCHING



$$9 + 2 = 11$$

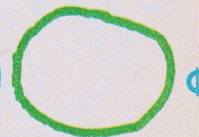
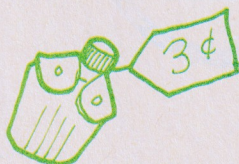


$$8 + 3 = 11$$



$$6 + 5 = 11$$

BUYING WITH ELEVEN CENTS



REMEMBERING



10	—	2	=	
10	—	4	=	
10	—	1	=	

6	+	5	=
3	+	4	=
7	+	3	=

NAME _____

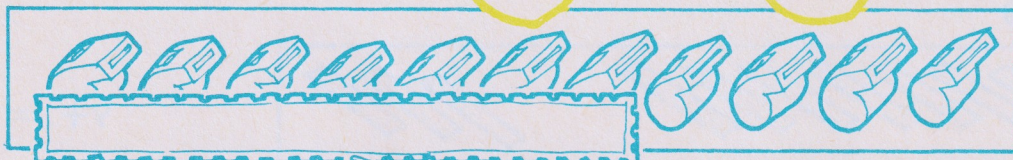


11 in subtraction



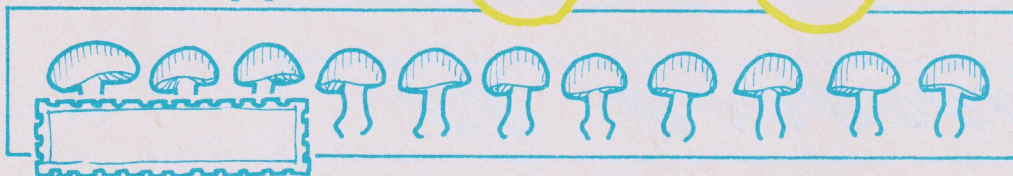
ONE

$$11 - \text{[illustration of a person]} = \text{[circle]}$$

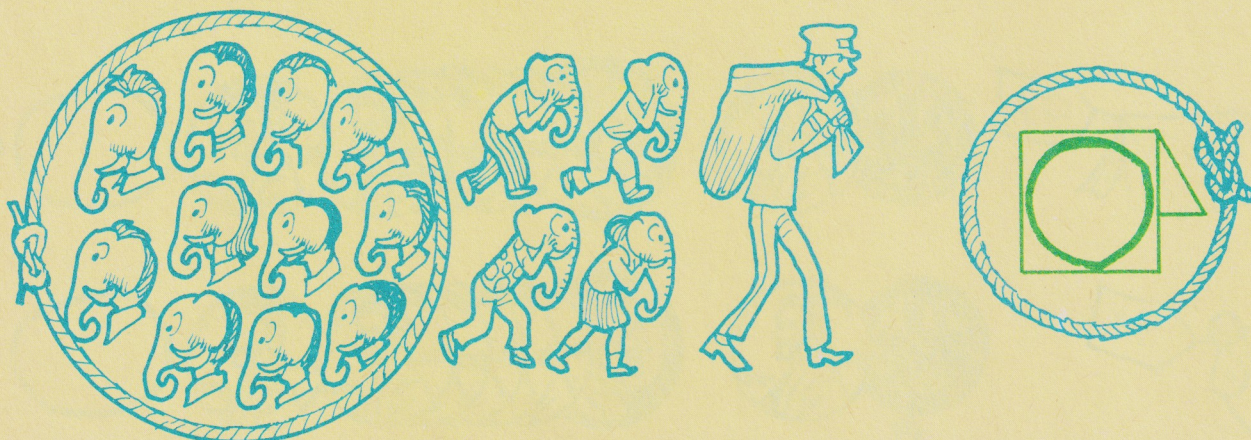


TWO

$$11 - \text{[illustration of a person]} = \text{[circle]}$$



THREE



REMEMBERING



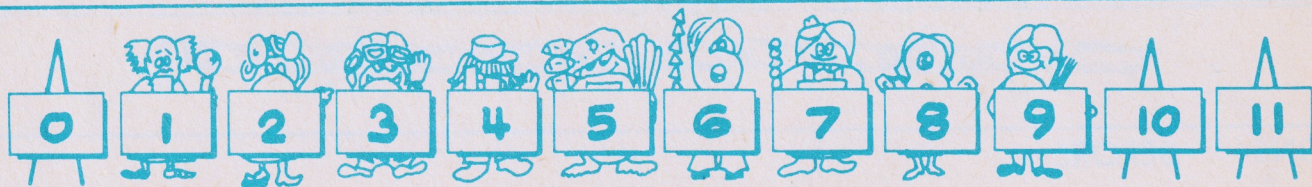
$$\begin{array}{l} 6 + 5 = \\ 10 - 4 = \text{[circle]} \\ 11 - 2 = \text{[circle]} \end{array}$$

$$\begin{array}{l} 4 + 5 = \\ 11 - 3 = \text{[circle]} \\ 9 - 4 = \text{[circle]} \end{array}$$

NAME _____

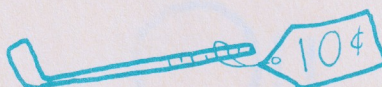
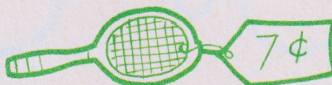


11 in subtraction

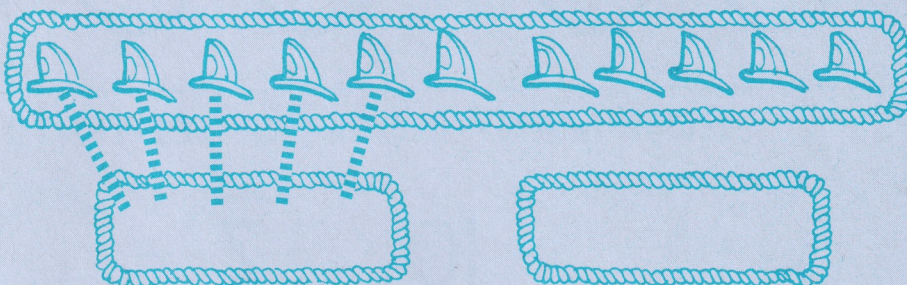


ONE

How much money is left?



TWO



11



-

5

=



REMEMBERING



$$3 + 8 =$$

$$9 - 6 =$$

$$11 - 4 =$$

$$6 - 6 =$$

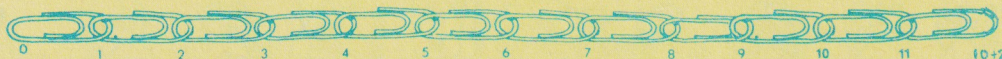
$$11 - 2 =$$

$$5 + 3 =$$

NAME _____



place value 10+2



ONE BEFORE

○ 10+2 ○ 8 ○ 6 ○ 9

TWO AFTER

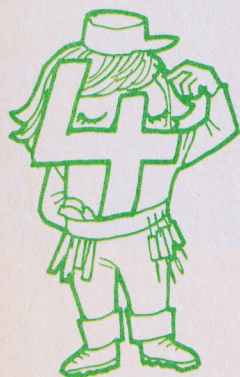
0 ○ 11 ○ 7 ○ 2 ○

THREE BETWEEN

○ 1 ○ ○ 11 ○ ○ 6 ○

REMEMBERING

HOW-MANY-MORE-TO-GET-TO-10



$$6 + \bigcirc = 10 \quad 7 + \bigcirc = 10$$

$$9 + \bigcirc = 10 \quad 10 + \bigcirc = 10$$

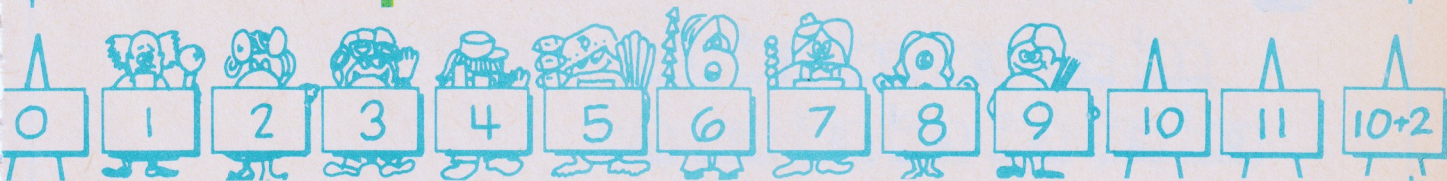
$$5 + \bigcirc = 10 \quad 8 + \bigcirc = 10$$

$$0 + \bigcirc = 10 \quad 3 + \bigcirc = 10$$

NAME _____



place value 12



TENS ONES

ONE

	1
--	---



TWELVE = 12

TWO

--	--



$10 + 2 = 12$

THREE

--	--



$10 + 2 = \text{TWELVE}$

FOUR

--	--



TWELVE =

12

FIVE

--	--



$10 + 2 =$

12

SIX

--	--



SEVEN

--	--



EIGHT

--	--



NINE

--	--



TEN

--	--



ELEVEN

--	--



TEN AND TWO MORE

--	--



REMEMBERING



$$8 + 3 =$$

$$11 - 4 =$$

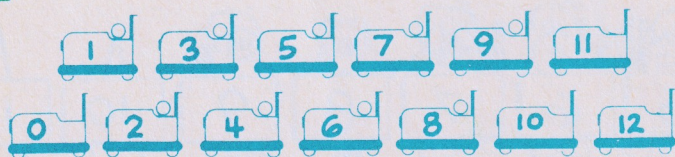
$$6 + 4 =$$

$$10 - 5 =$$

NAME _____



STOP AT 10, ADD TWO MORE TO GET TO 12



$$10 + 2 = 12$$

$$9 + 3 = 12$$

$$8 + 4 = 12$$

$$7 + 5 = 12$$

$$6 + 6 = 12$$

$$5 + 7 = 12$$

$$4 + 8 = 12$$

$$3 + 9 = 12$$

$$2 + 10 = 12$$

$$1 + 11 = 12$$

$$10 + 2 = 12$$

$$9 + \quad = 12$$

$$8 + \quad = 12$$

$$7 + \quad = 12$$

$$6 + \quad = 12$$

$$5 + \quad = 12$$

$$4 + \quad = 12$$

$$3 + \quad = 12$$

$$2 + \quad = 12$$

$$1 + \quad = 12$$

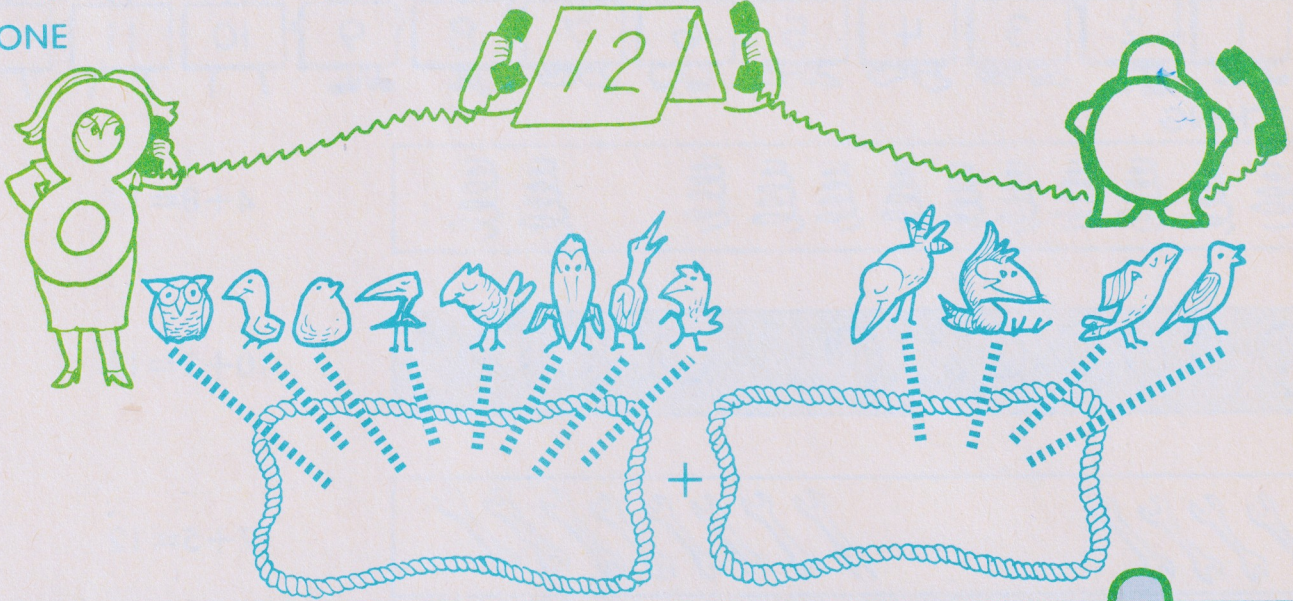
NAME _____



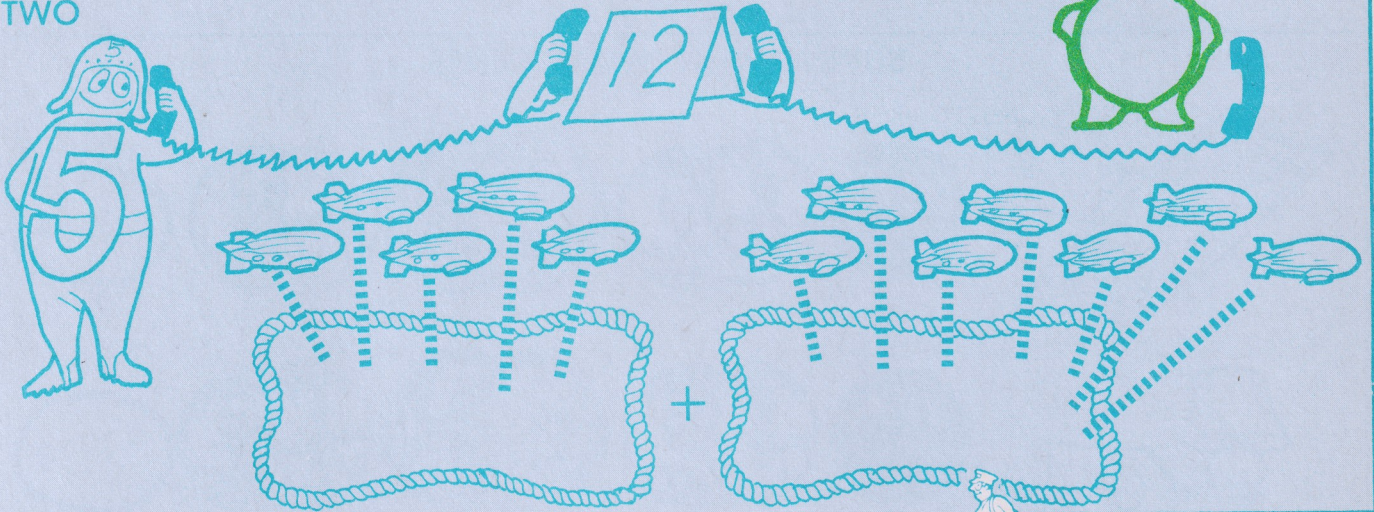
12 in addition



ONE



TWO



REMEMBERING



$$3 + 5 =$$

$$6 + 6 =$$

$$9 + 2 =$$

$$11 - 4 =$$

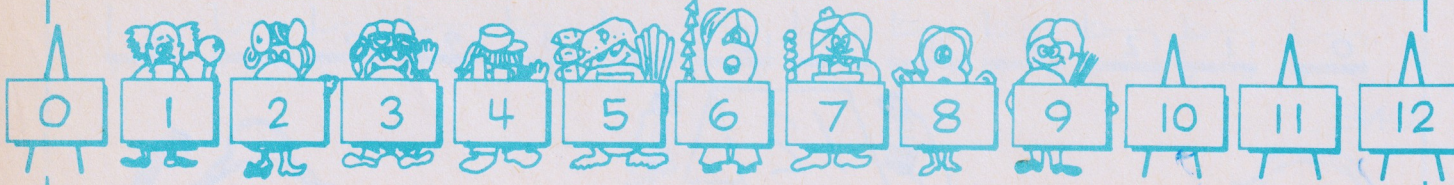
$$11 - 2 =$$

$$10 - 1 =$$

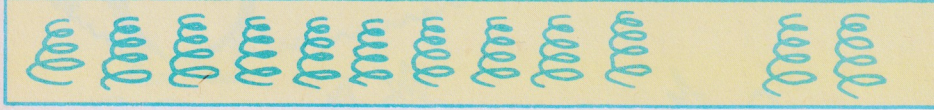
NAME _____



12 in addition



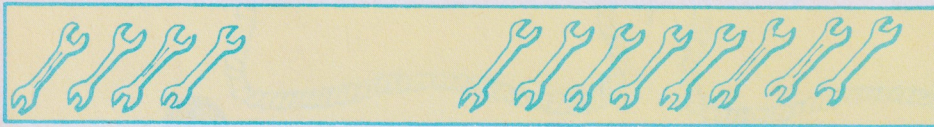
MATCHING



$$4 + 8 = 12$$

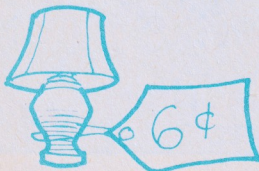
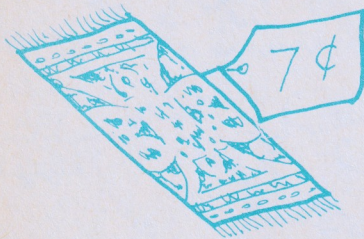


$$10 + 2 = 12$$



$$7 + 5 = 12$$

BUYING WITH TWELVE CENTS



REMEMBERING



$$11 - 9 = 2 = \bigcirc$$

$$11 - 7 = 4 = \bigcirc$$

$$10 - 4 = 6 = \bigcirc$$

$$5 + 3 = \bigcirc$$

$$7 + 5 = \bigcirc$$

$$9 + 3 = \bigcirc$$

NAME _____



12 in subtraction



ONE

$$12 - \bigcirc = \bigcirc$$

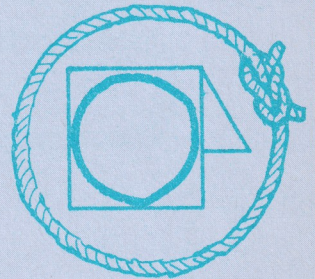
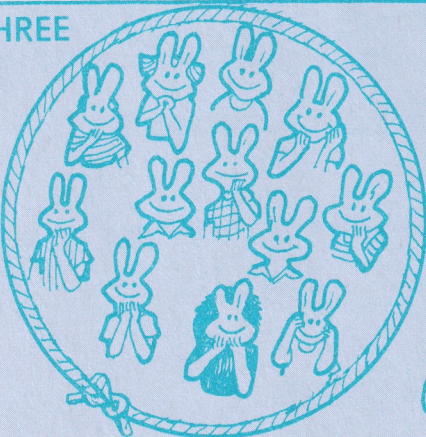


TWO

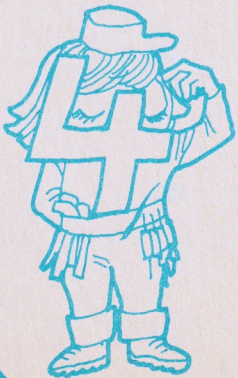
$$12 - \bigcirc = \bigcirc$$



THREE



REMEMBERING



$$4 + 6 =$$

$$12 - 2 =$$

$$12 - 4 =$$

$$11 - 5 =$$

$$3 + 8 =$$

$$11 - 3 =$$

NAME _____



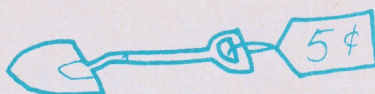
12 in subtraction



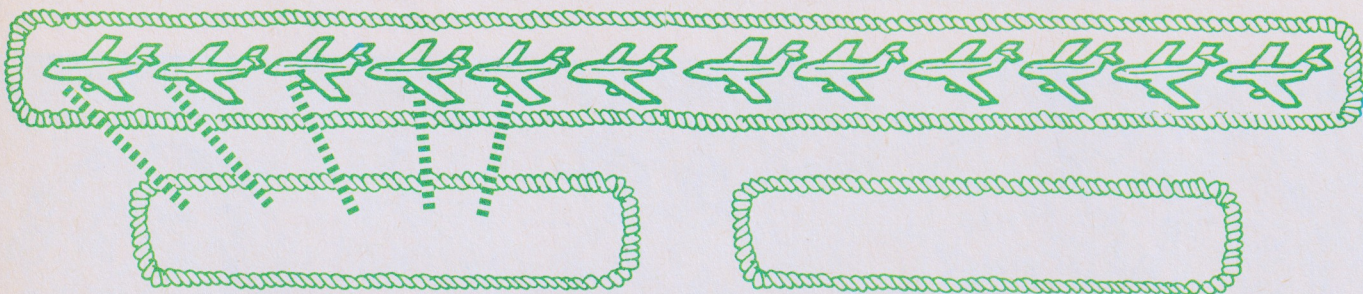
ONE



How much money is left?

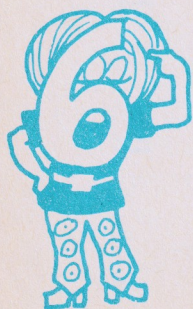


TWO



$$12 - 5 = \bigcirc$$

REMEMBERING



$$8 - 3 = \bigcirc$$

$$5 - 5 = \bigcirc$$

$$4 + 4 = \bigcirc$$

$$6 + 6 = \bigcirc$$

$$12 - 4 = \bigcirc$$

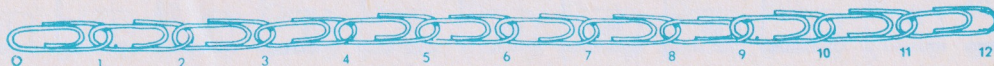
$$10 - 5 = \bigcirc$$

NAME _____

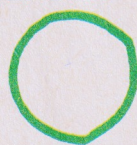


review

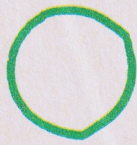
#7



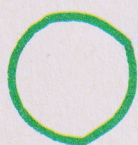
BEFORE _____



12



8



1



6

AFTER _____



0



5

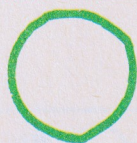


7

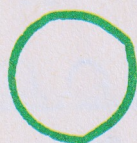
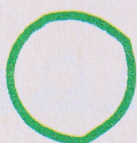


11

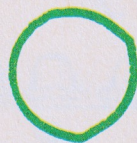
BETWEEN _____



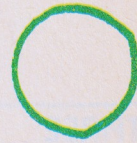
3



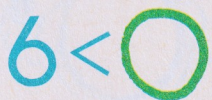
6



11



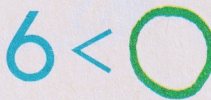
LESS THAN



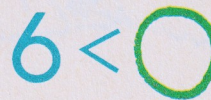
6 <



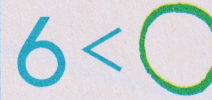
6 <



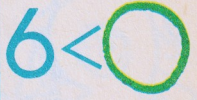
6 <



6 <

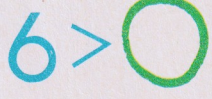


6 <

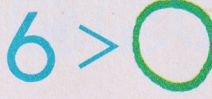


6 <

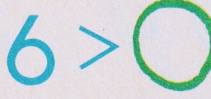
MORE THAN



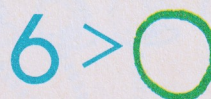
6 >



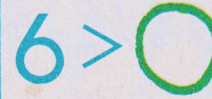
6 >



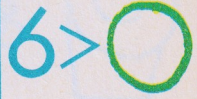
6 >



6 >



6 >



6 >

HOW-MANY-TO-GET-TO-10

$$5 + \text{ } = 10$$

$$7 + \text{ } = 10$$

$$10 + \text{ } = 10$$

$$4 + \text{ } = 10$$

$$8 + \text{ } = 10$$

$$0 + \text{ } = 10$$

$$3 + \text{ } = 10$$

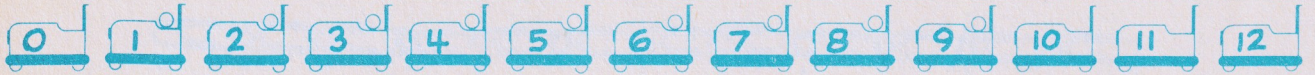
$$6 + \text{ } = 10$$

NAME _____

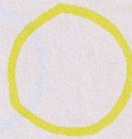
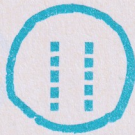


#7

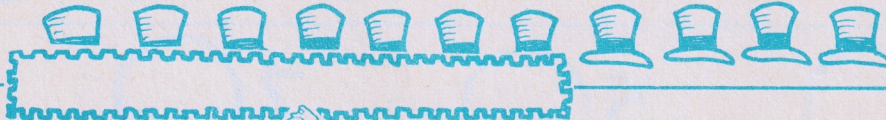
review



ONE



=



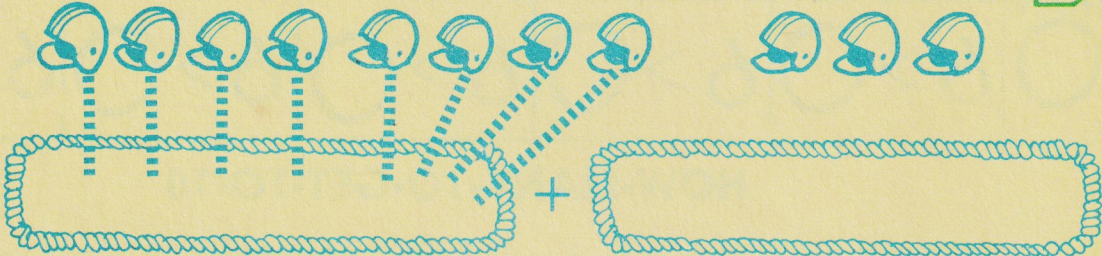
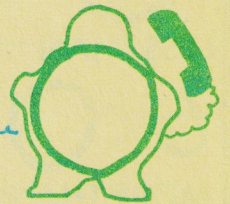
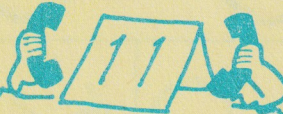
TWO



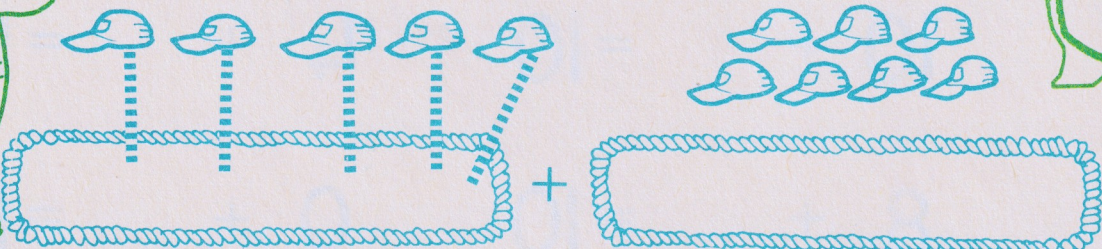
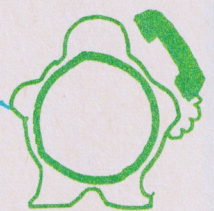
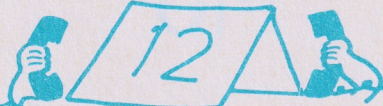
=



THREE



FOUR



FIVE

How much money is left?



NAME _____

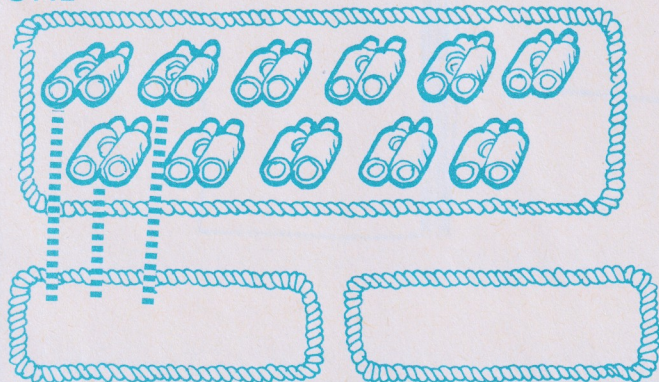


review

#7

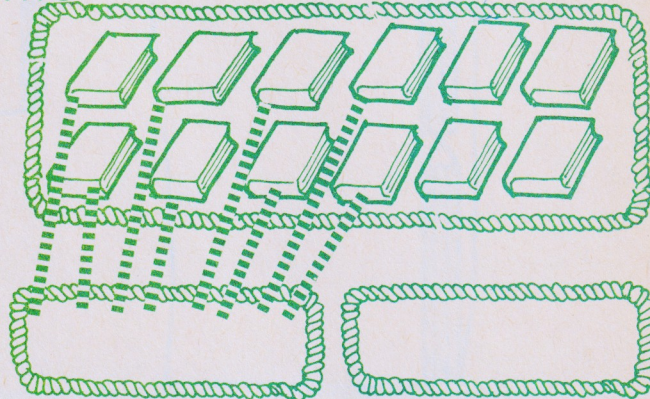


ONE



$$11 - 3 = \bigcirc$$

TWO



$$12 - 8 = \bigcirc$$

THREE

$$8 + \bigcirc = 11$$

$$5 + \bigcirc = 11$$

$$7 + \bigcirc = 11$$

$$6 + \bigcirc = 11$$

$$10 + \bigcirc = 11$$

$$2 + \bigcirc = 11$$

$$11 + \bigcirc = 12$$

$$9 + \bigcirc = 12$$

$$6 + \bigcirc = 12$$

$$8 + \bigcirc = 12$$

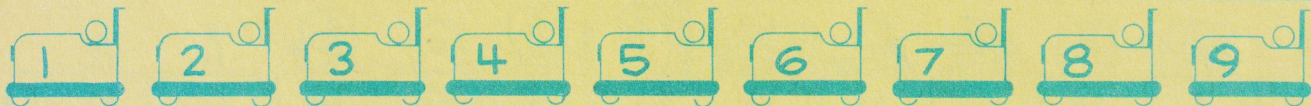
$$5 + \bigcirc = 12$$

$$12 + \bigcirc = 12$$

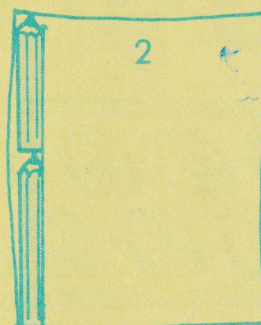
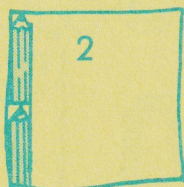
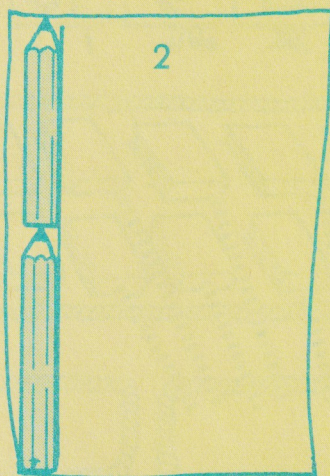
NAME _____



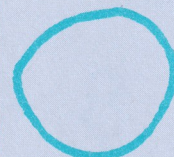
measurement I



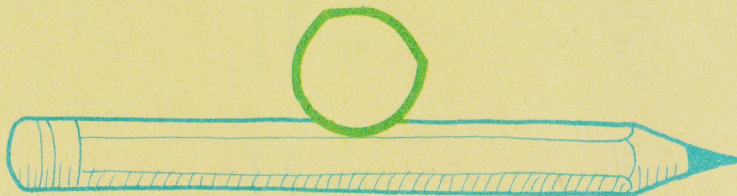
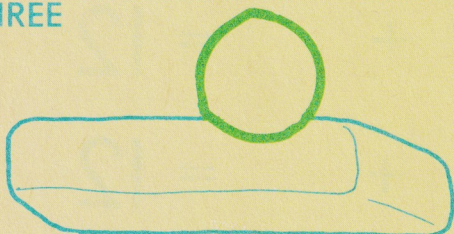
ONE



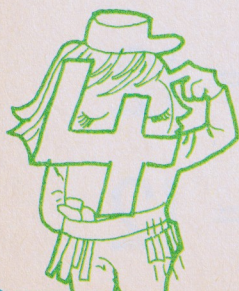
TWO



THREE



REMEMBERING



$$11 - 2 = \bigcirc$$

$$9 + 3 = \bigcirc$$



$$10 - 4 = \bigcirc$$

$$5 + 5 = \bigcirc$$

NAME _____

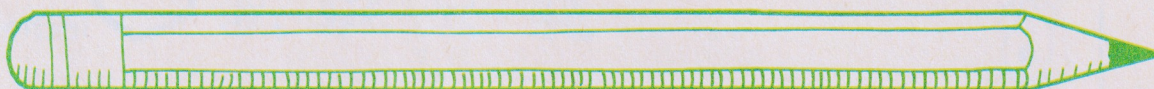


measurement

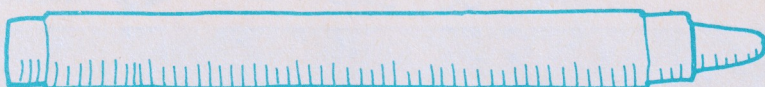
#2

1"	1"	1"	1"	1"	1"
----	----	----	----	----	----

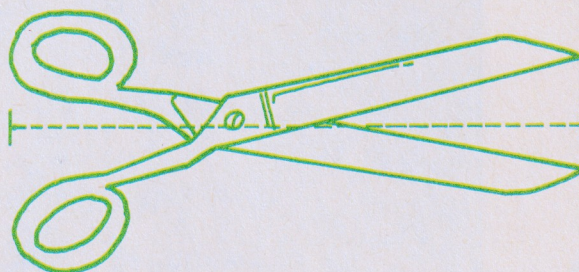
ONE





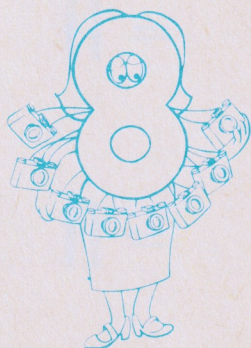


TWO



0	1	2	3	4	5	6	7	8	9	10	11	12
---	---	---	---	---	---	---	---	---	---	----	----	----

REMEMBERING



$$9 + \boxed{} + 1 = 11$$

$$9 + \boxed{} + 2 = 12$$

$$7 + \boxed{} + 1 = 11$$

$$7 + \boxed{} + 2 = 12$$

$$6 + \boxed{} + 1 = 11$$

$$6 + \boxed{} + 2 = 12$$

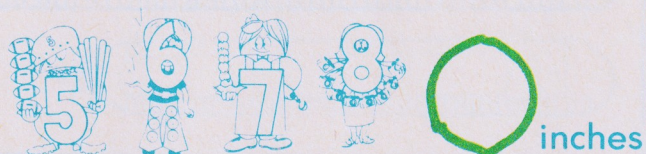
NAME _____



ONE



measurement 3



TWO

MORE THAN 4 inches

4 inches > 3 inches

4 inches > _____ inches

4 inches > _____ inches

LESS THAN 4 inches

4 inches < 5 inches

4 inches < _____ inches

REMEMBERING



$$8 + 2 = 10$$

$$8 + \quad = 10$$

$$5 + 5 = 10$$

$$5 + \quad = 10$$

$$4 + 6 = 10$$

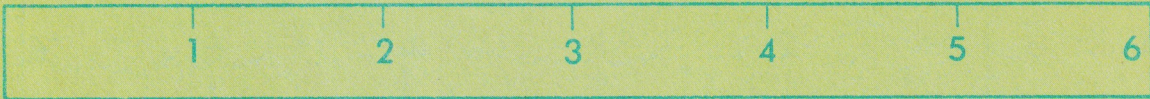
$$4 + \quad = 10$$

NAME _____

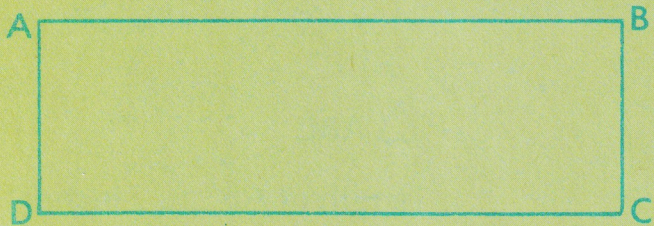


measurement

#3

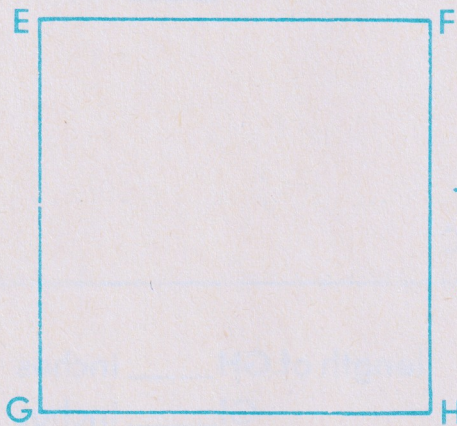


ONE



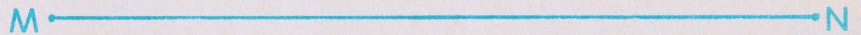
length of AB _____ inches
AD _____ inches
BC _____ inches
CD _____ inches

TWO



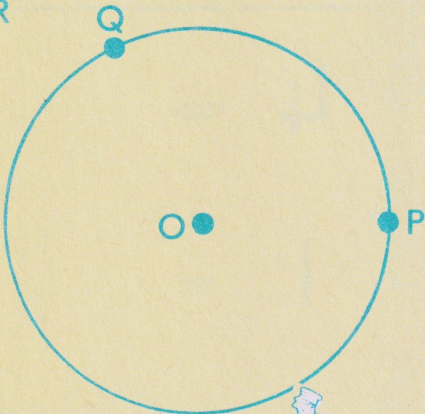
length of EF _____ inches
EG _____ inches
FH _____ inches
GH _____ inches

THREE

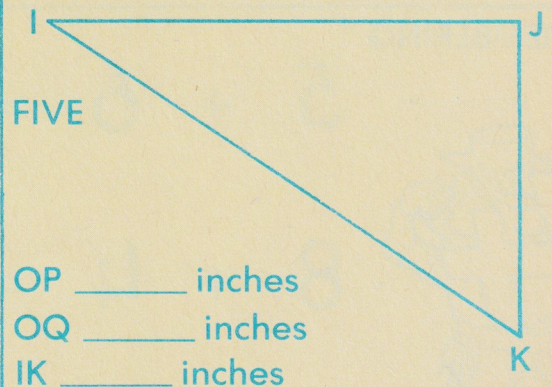


length of MN _____ inches

FOUR



FIVE



OP _____ inches
OQ _____ inches
IK _____ inches



REMEMBERING

$$12 - 4 = \bigcirc$$

$$11 - 2 = \bigcirc$$

$$7 + 4 = \bigcirc$$

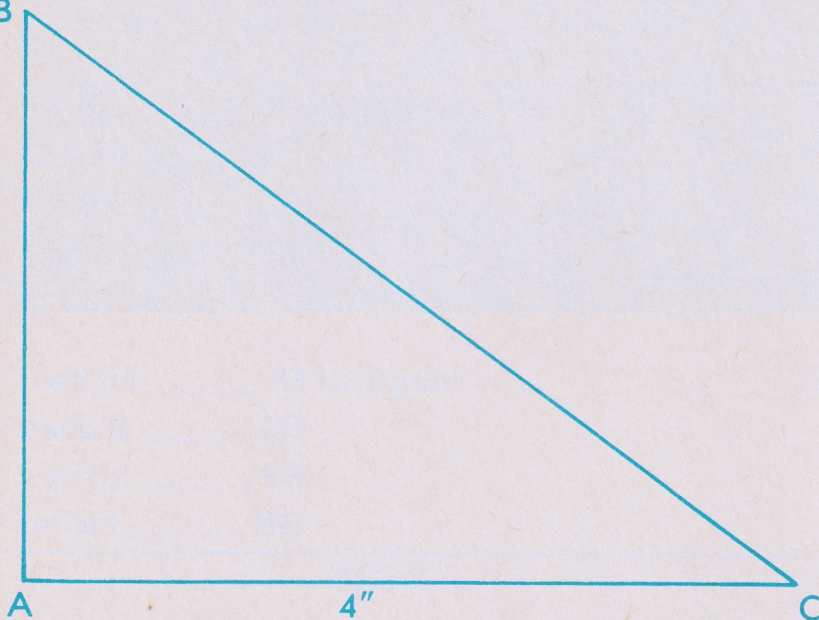
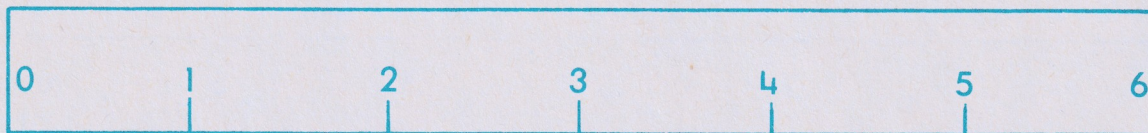
$$5 + 2 = \bigcirc$$

NAME _____



measurement 3

ONE
B



$\triangle ABC$

length of AB _____ inches
BC _____ inches
AC _____ inches

TWO

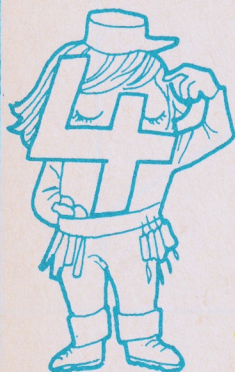
G

H

I

length of GH _____ inches
GI _____ inches

REMEMBERING



$$(5) + (6) =$$

$$10 - (4) = \bigcirc$$

$$(8) + (4) =$$

$$11 - (1) = \bigcirc$$

$$(6) + (5) =$$

$$12 - (2) = \bigcirc$$

$$(7) + (2) =$$

$$8 - (6) = \bigcirc$$

NAME _____



place value 13



ONE BEFORE

10 + 3 11 9 1

TWO AFTER

12 0 5 11

THREE BETWEEN

3 12 8

REMEMBERING



$$8 + 3 =$$

$$12 - 2 =$$

$$6 + 4 =$$

$$10 - 2 =$$

$$9 + 3 =$$

$$12 - 4 =$$

$$4 + 5 =$$

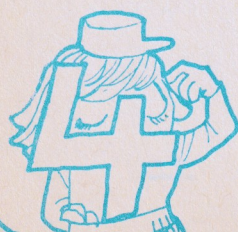
$$11 - 3 =$$

NAME _____



place value 13

	TENS	ONES	
			1 3 5 7 9 11 10+3
			0 2 4 6 8 10 12
ONE		1	THIRTEEN = 13 $10 + 3 = 13$ $10 + 3 = \text{THIRTEEN}$
TWO			
THREE			
FOUR			
FIVE			
SIX			
SEVEN			
EIGHT			
NINE			
TEN			13 =
ELEVEN			10 + 3 =
TWELVE			
TEN AND THREE MORE			



$$11 + 0 =$$

$$12 - 12 =$$

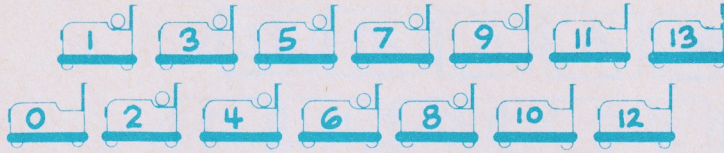
$$7 + 3 =$$

$$11 - 5 =$$

NAME _____



STOP AT 10, ADD THREE MORE TO GET TO 13



$$10 + 3 = 13$$

$$9 + 4 = 13$$

$$8 + 5 = 13$$

$$7 + 6 = 13$$

$$6 + 7 = 13$$

$$5 + 8 = 13$$

$$4 + 9 = 13$$

$$3 + 10 = 13$$

$$2 + 11 = 13$$

$$1 + 12 = 13$$

$$10 + 3 = 13$$

$$9 + \quad = 13$$

$$8 + \quad = 13$$

$$7 + \quad = 13$$

$$6 + \quad = 13$$

$$5 + \quad = 13$$

$$4 + \quad = 13$$

$$3 + \quad = 13$$

$$2 + \quad = 13$$

$$1 + \quad = 13$$

NAME _____



13 in addition

0 2 4 6 8 10 12

1 3 5 7 9 11 13



$$7 + 5 =$$

$$9 + 4 =$$

$$6 + 3 =$$

$$8 + 5 =$$

$$10 + 2 =$$

$$12 - 2 =$$

$$11 - 3 =$$

$$12 - 3 =$$

$$10 - 4 =$$

$$6 - 4 =$$

$$6 + \bigcirc = 10$$

$$8 + \bigcirc = 10$$

$$3 + \bigcirc = 10$$

$$10 + \bigcirc = 13$$

$$9 + \bigcirc = 10$$

$$7 + \bigcirc = 10$$

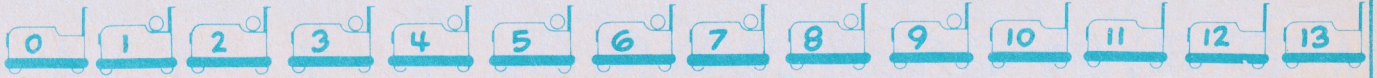
$$5 + \bigcirc = 10$$

$$7 + \bigcirc = 13$$

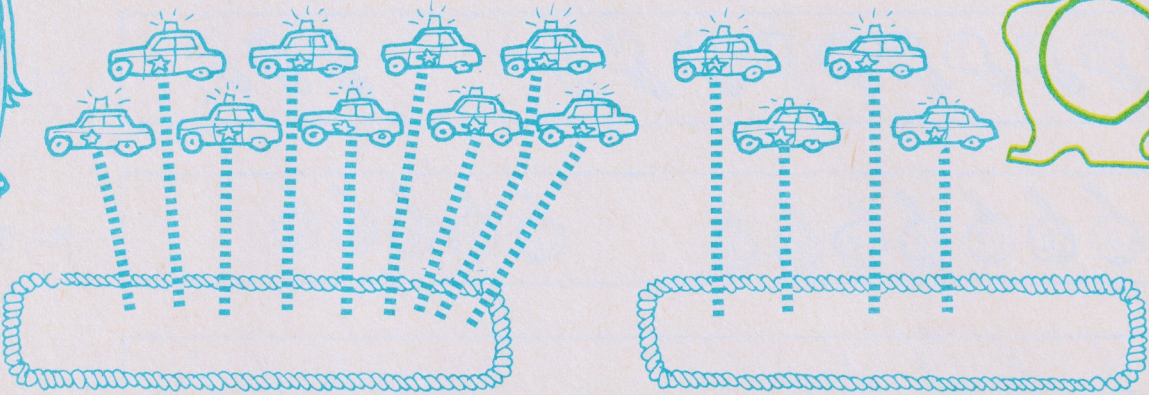
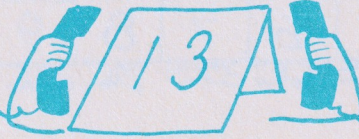
NAME _____



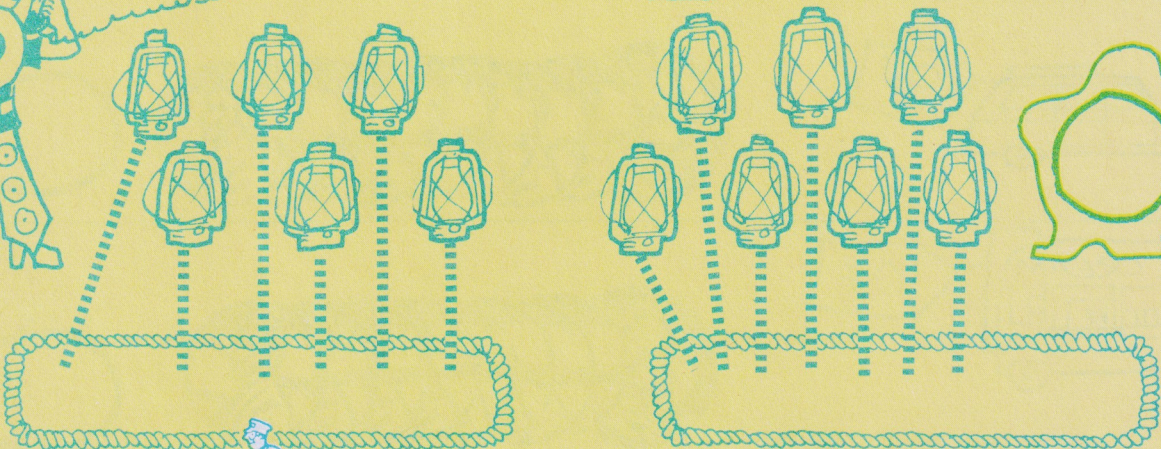
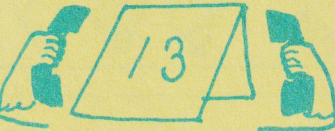
13 in addition



ONE



TWO



REMEMBERING



$$12 - 4 = \bigcirc$$

$$11 + 2 = \bigcirc$$

$$5 + 8 = \bigcirc$$

$$12 - 5 = \bigcirc$$

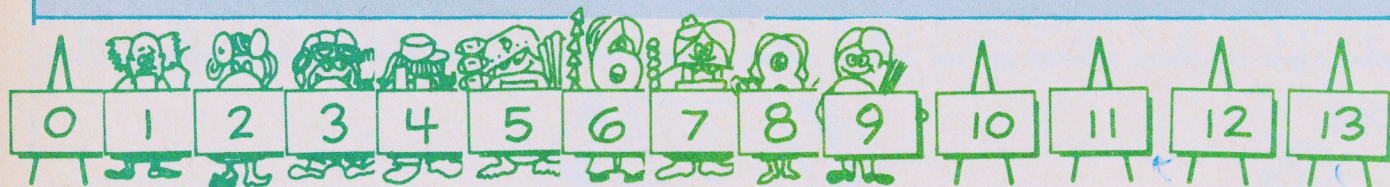
$$4 + 7 = \bigcirc$$

$$9 + 4 = \bigcirc$$

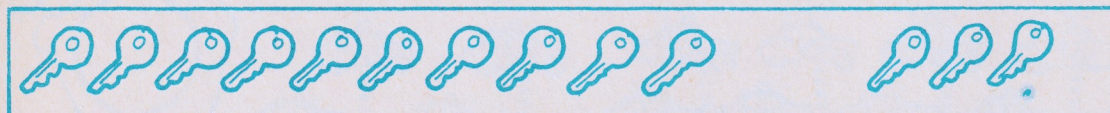
NAME _____



13 in addition



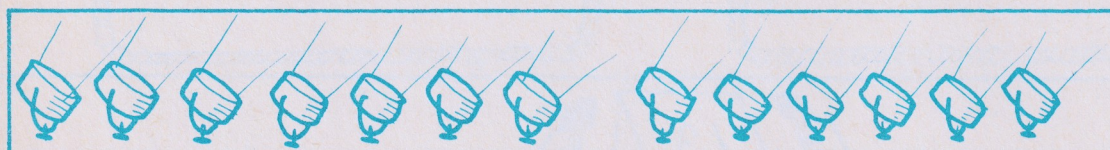
MATCHING



$$7 + 6 = 13$$

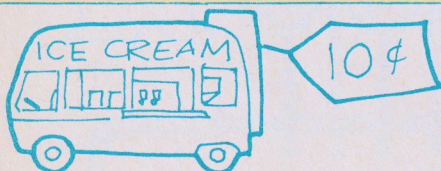
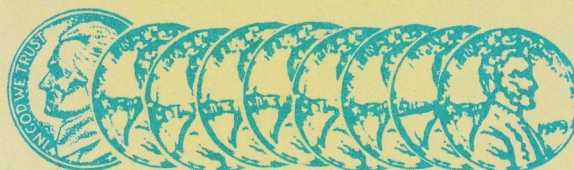
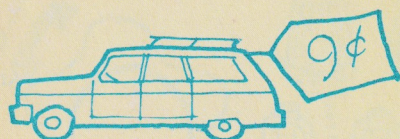


$$8 + 5 = 13$$

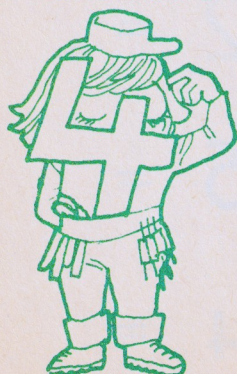


$$10 + 3 = 13$$

BUYING WITH 13 CENTS



REMEMBERING

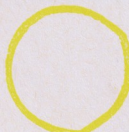


12



4

=



12



2

=



12



6

=



8

+

3

=

7

+

5

=

9

+

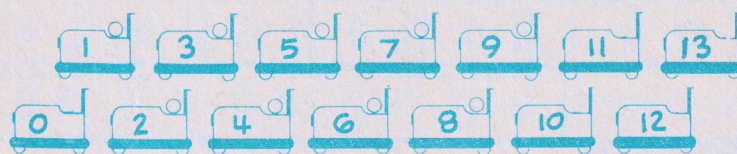
4

=

NAME _____



13 in subtraction



ONE

13



=



TWO

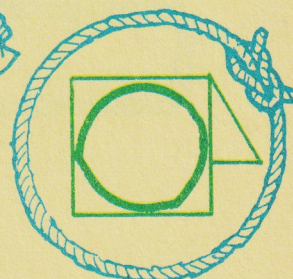
13



=



THREE



REMEMBERING

8



5

=

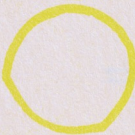


12



6

=

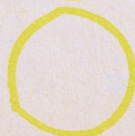


11



3

=



5



4

=



9



7

=

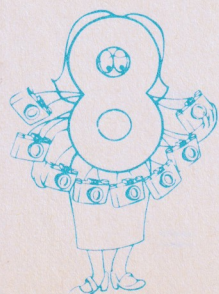


13



2

=



NAME _____



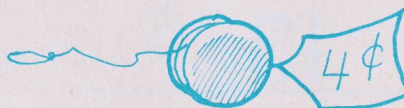
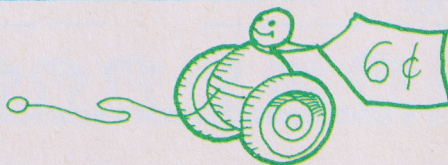
13 in subtraction

ONE

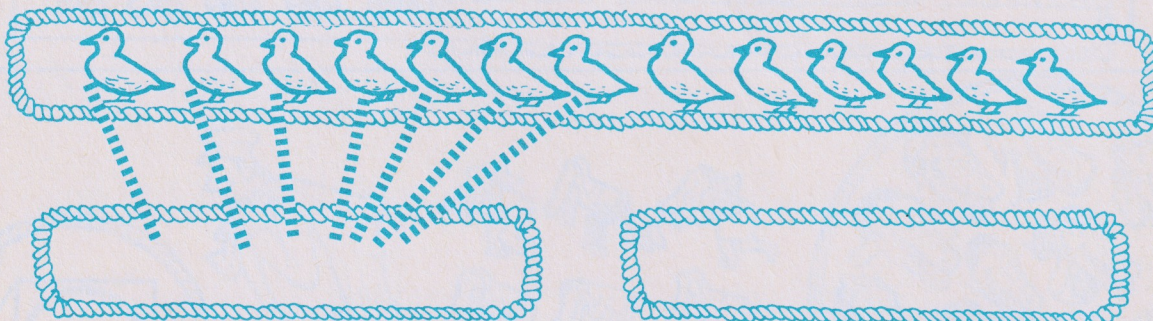
0 1 2 3 4 5 6 7

HOW MUCH MONEY IS LEFT?

8 9 10 11 12 13



TWO



$$13 - 7 = \bigcirc$$

REMEMBERING



$$12 - 2 = \bigcirc$$

$$8 + 5 =$$

$$6 + 6 =$$

$$11 - 4 = \bigcirc$$

$$7 + 5 =$$

$$6 + 5 =$$

NAME _____



13 in subtraction



0 1 2 3 4 5 6 7 8 9 10 11 12 13

13 CHART FOR SUBTRACTION

13	—	0	=	
13	—	1	=	
13	—	2	=	
13	—	3	=	
13	—	4	=	
13	—	5	=	
13	—	6	=	

13	—	7	=	
13	—	8	=	
13	—	9	=	
13	—	10	=	
13	—	11	=	
13	—	12	=	
13	—	13	=	

REMEMBERING



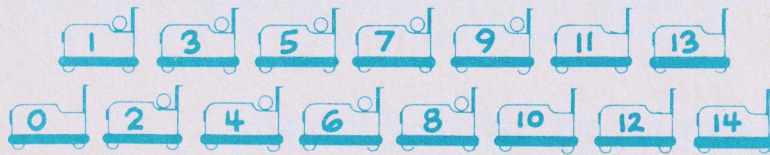
7	—	7	=	
11	—	4	=	
9	—	2	=	

6	—	5	=	
8	—	4	=	
10	—	3	=	

NAME _____



AT 10, ADD FOUR MORE TO GET TO 14



$$10 + 4 = 14$$

$$9 + 5 = 14$$

$$8 + \quad = 14$$

$$7 + \quad = 14$$

$$6 + \quad = 14$$

$$5 + \quad = 14$$

$$4 + \quad = 14$$

$$3 + \quad = 14$$

$$2 + \quad = 14$$

$$1 + \quad = 14$$

$$10 + 4 = 14$$

$$9 + \quad = 14$$

$$8 + \quad = 14$$

$$7 + \quad = 14$$

$$6 + \quad = 14$$

$$5 + \quad = 14$$

$$4 + \quad = 14$$

$$3 + \quad = 14$$

$$2 + \quad = 14$$

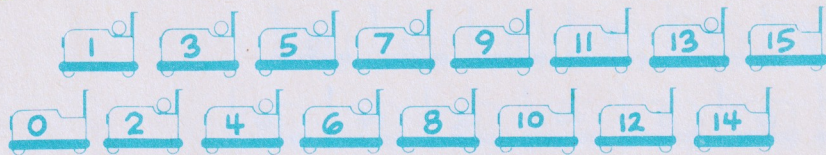
$$1 + \quad = 14$$

NAME _____



STOP

AT 10, ADD FIVE MORE TO GET TO 15



$$10 + 5 = 15$$

$$9 + \overset{6}{\cancel{1+5}} = 15$$

$$8 + \boxed{} = 15$$

$$7 + \overset{8}{\cancel{2+5}} = 15$$

$$6 + \boxed{} = 15$$

$$5 + \overset{10}{\cancel{4+5}} = 15$$

$$4 + \boxed{} = 15$$

$$3 + \overset{12}{\cancel{6+5}} = 15$$

$$2 + \boxed{} = 15$$

$$1 + \overset{14}{\cancel{9+5}} = 15$$

$$10 + \overset{5}{\boxed{}} = 15$$

$$9 + \boxed{} = 15$$

$$8 + \boxed{} = 15$$

$$7 + \boxed{} = 15$$

$$6 + \boxed{} = 15$$

$$5 + \boxed{} = 15$$

$$4 + \boxed{} = 15$$

$$3 + \boxed{} = 15$$

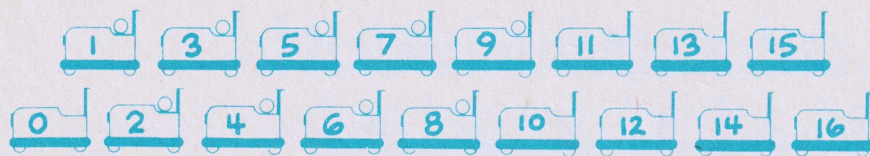
$$2 + \boxed{} = 15$$

$$1 + \boxed{} = 15$$

NAME _____



AT 10, ADD SIX MORE TO GET TO 16



$$10 + 6 = 16$$

$$9 + 7 = 16$$

$$8 + 8 = 16$$

$$7 + 9 = 16$$

$$6 + 10 = 16$$

$$5 + 11 = 16$$

$$4 + 12 = 16$$

$$3 + 13 = 16$$

$$2 + 14 = 16$$

$$1 + 15 = 16$$

$$10 + 6 = 16$$

$$9 + \quad = 16$$

$$8 + \quad = 16$$

$$7 + \quad = 16$$

$$6 + \quad = 16$$

$$5 + \quad = 16$$

$$4 + \quad = 16$$

$$3 + \quad = 16$$

$$2 + \quad = 16$$

$$1 + \quad = 16$$

BEFORE

BEFORE

014
016

AFTER

150 130

BETWEEN

030150

LESS THAN

$12 < 13$

$12 < 12$

MATCHING

12 TWELVE

13 THIRTEEN

TO TEN

11 ELEVEN

16 SIXTEEN

14 FOURTEEN

15 FIFTEEN

0 → ZERO

ONE ↑ 1

2 → TWO

3 → THREE

4 → FOUR

5 → FIVE

6 → SIX

7 → SEVEN

8 ↑ EIGHT

9 ↑ NINE

MORE THAN

12> ⑩

127

12> O

12>

127

○
|2>

12>0

/ 2

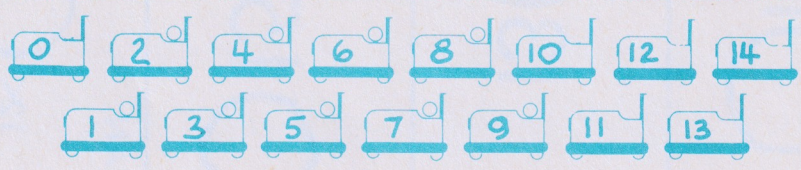
12>

1270

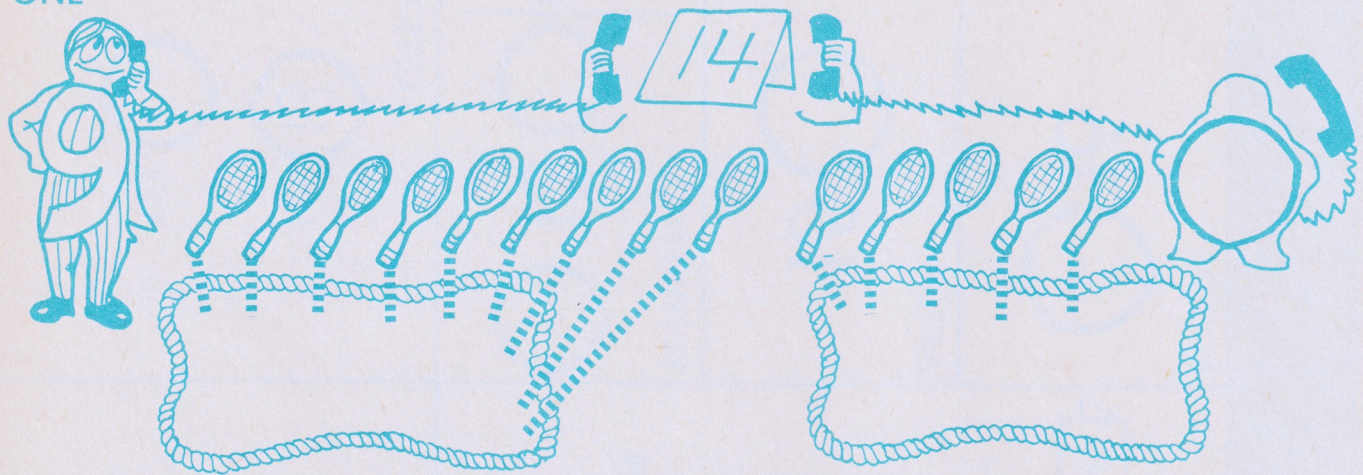
NAME _____



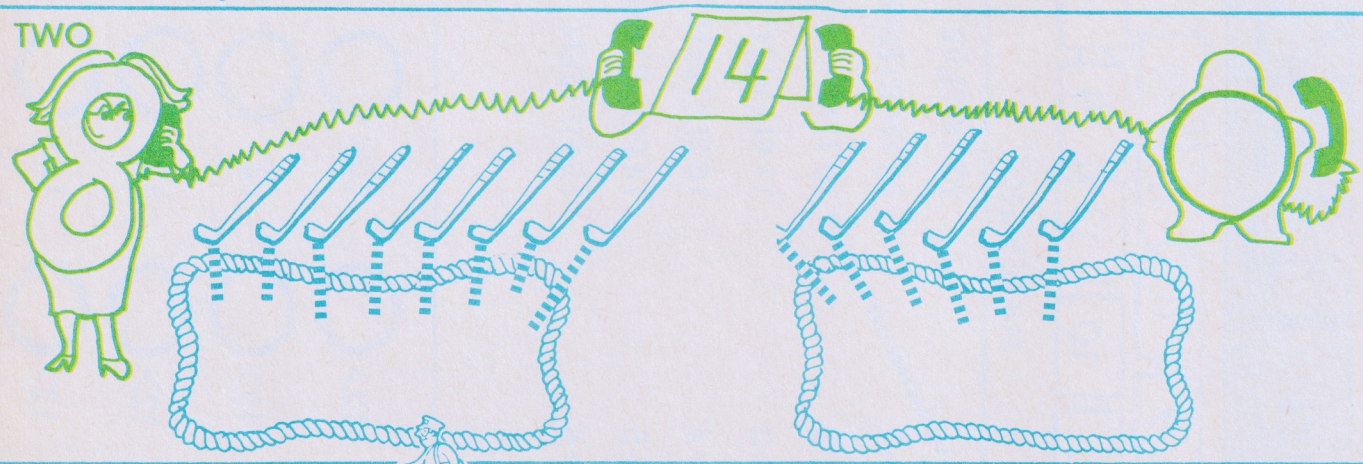
14 in addition



ONE



TWO



REMEMBERING



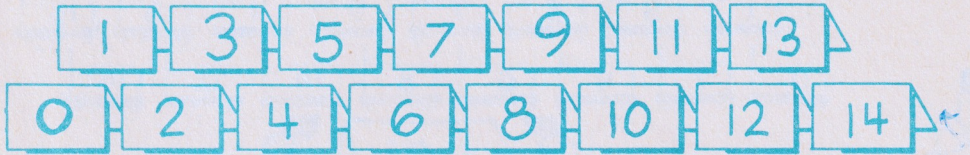
13	-	4	=	
13	-	6	=	
13	-	8	=	
13	-	5	=	

6	+	6	=
4	+	8	=
3	+	9	=
10	+	1	=

NAME _____



14 in addition



14 chart for addition

$$14 + \bigcirc = 14$$

$$13 + \bigcirc = 14$$

$$12 + \bigcirc = 14$$

$$11 + \bigcirc = 14$$

$$10 + \bigcirc = 14$$

$$9 + \bigcirc = 14$$

$$8 + \bigcirc = 14$$

$$7 + \bigcirc = 14$$

$$6 + \bigcirc = 14$$

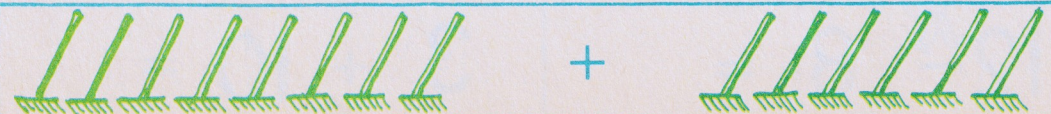
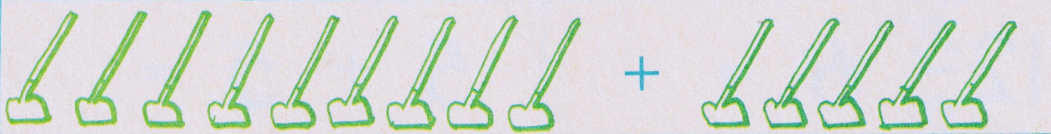
$$5 + \bigcirc = 14$$

$$4 + \bigcirc = 14$$

$$3 + \bigcirc = 14$$

$$2 + \bigcirc = 14$$

$$1 + \bigcirc = 14$$



MATCHING

$$9 + 5 = 14$$

$$8 + 6 = 14$$

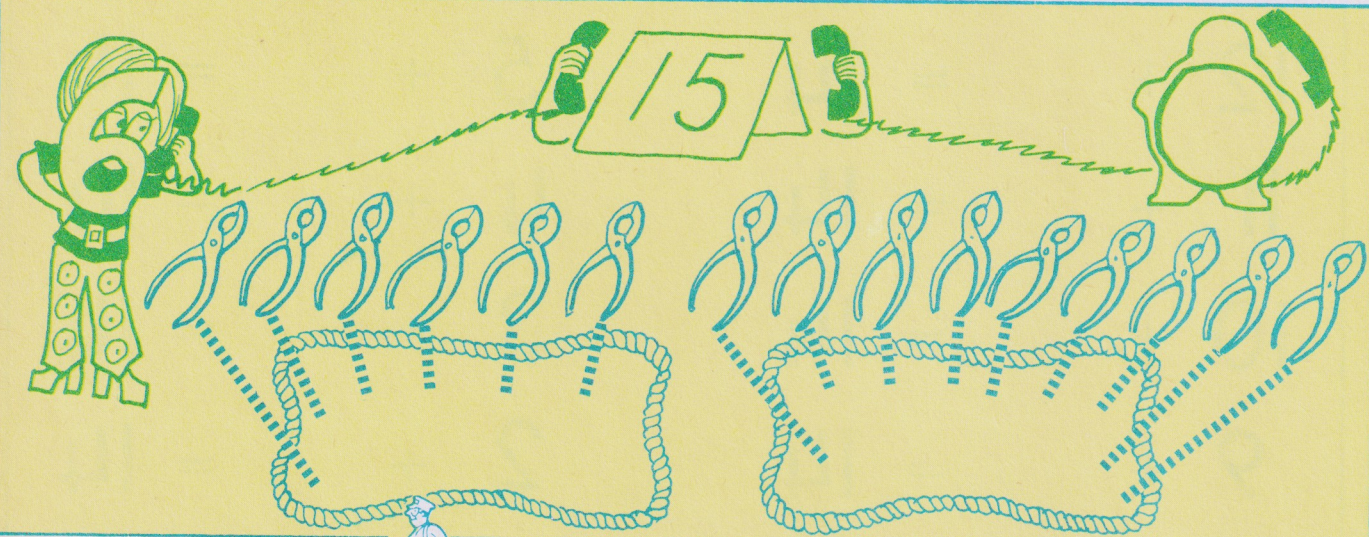
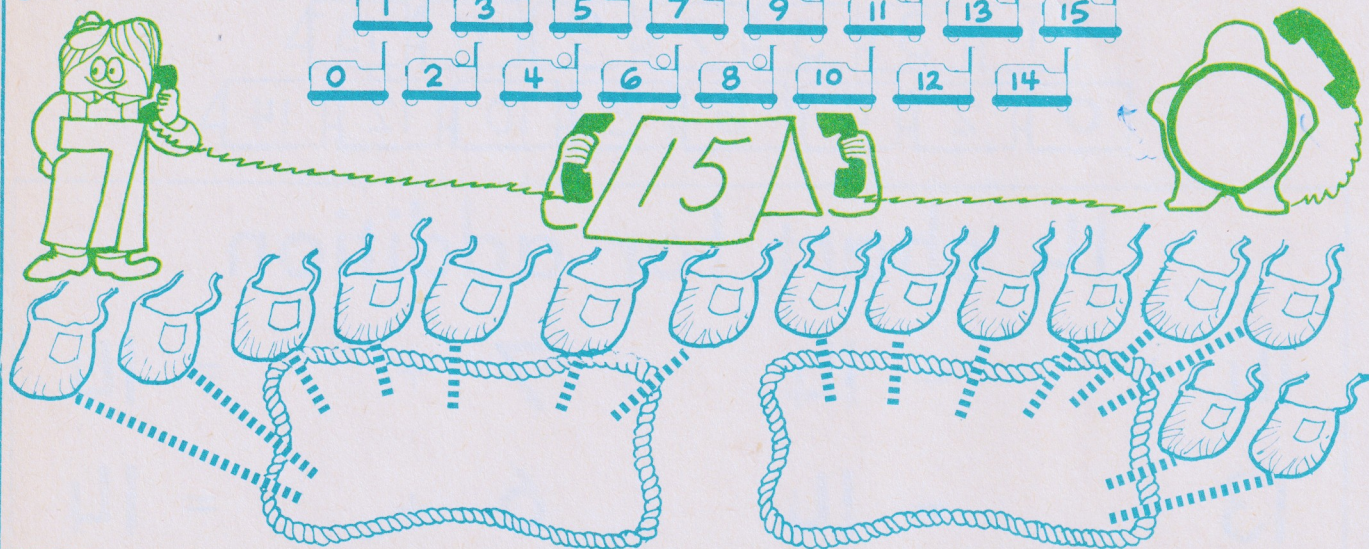
$$12 + 2 = 14$$

NAME _____



15 in addition

ONE



REMEMBERING



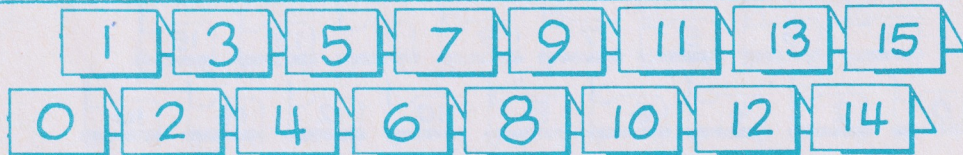
12	-	2	=	
12	-	4	=	
12	-	6	=	
12	-	8	=	

8	+	6	=
5	+	9	=
5	+	5	=
3	+	10	=



NAME _____

15 in addition



15 chart for addition

15	+		= 15
14	+		= 15
13	+		= 15
12	+		= 15
11	+		= 15
10	+		= 15
9	+		= 15
8	+		= 15

7	+		= 15
6	+		= 15
5	+		= 15
4	+		= 15
3	+		= 15
2	+		= 15
1	+		= 15
0	+		= 15



MATCHING

$11 + 4 = 15$

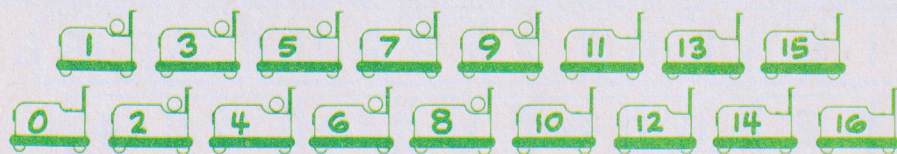


$8 + 7 = 15$

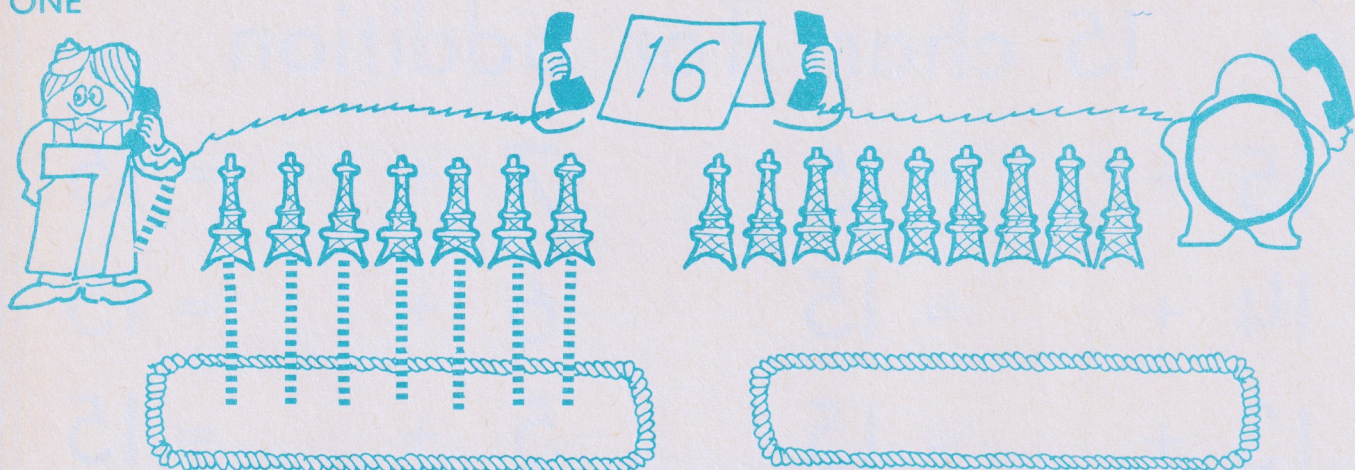
NAME _____



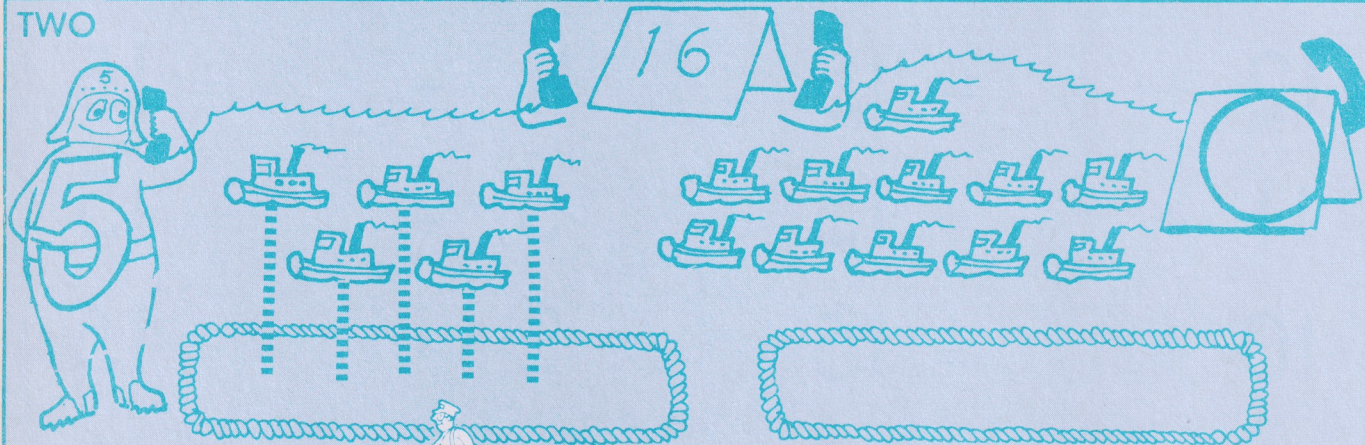
16 in addition



ONE



TWO



REMEMBERING



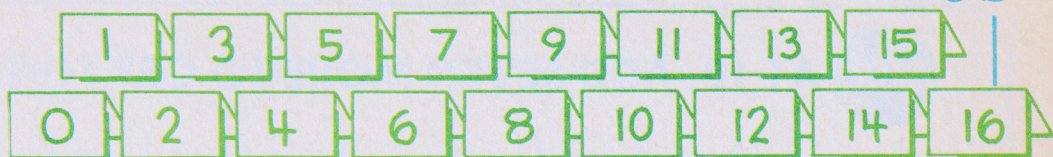
	-	2	=	
	-	4	=	
	-	6	=	
	-	8	=	

8	+	8	=
7	+	7	=
6	+	6	=
5	+	5	=

NAME _____



16 in addition



16 CHART FOR ADDITION

$$8 + \bigcirc = 16$$

$$7 + \bigcirc = 16$$

$$6 + \bigcirc = 16$$

$$5 + \bigcirc = 16$$

$$4 + \bigcirc = 16$$

$$3 + \bigcirc = 16$$

$$2 + \bigcirc = 16$$

$$1 + \bigcirc = 16$$

$$0 + \bigcirc = 16$$

$$16 + \bigcirc = 16$$

$$15 + \bigcirc = 16$$

$$14 + \bigcirc = 16$$

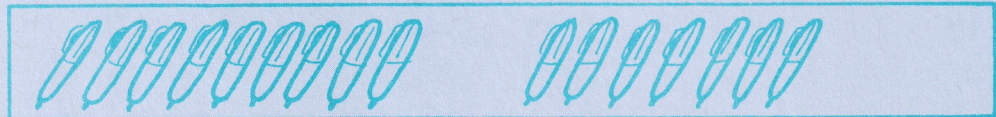
$$13 + \bigcirc = 16$$

$$12 + \bigcirc = 16$$

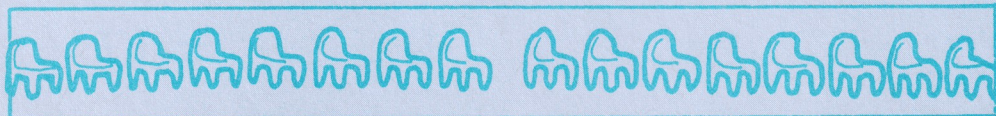
$$11 + \bigcirc = 16$$

$$10 + \bigcirc = 16$$

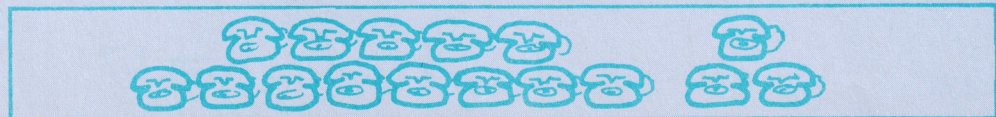
$$9 + \bigcirc = 16$$



MATCHING
 $13 + 3 = 16$



$8 + 8 = 16$

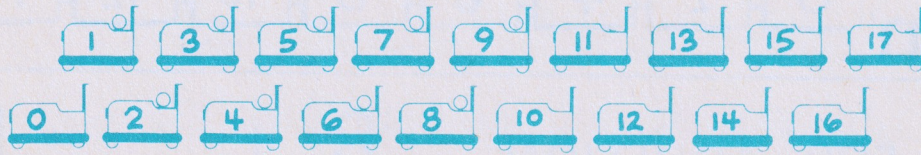


$9 + 7 = 16$

NAME _____



AT 10, ADD SEVEN MORE TO GET TO 17



$$10 + 7 = 17$$

$$9 + 8 = 17$$

$$8 + 9 = 17$$

$$7 + 10 = 17$$

$$6 + 11 = 17$$

$$5 + 12 = 17$$

$$4 + 13 = 17$$

$$3 + 14 = 17$$

$$2 + 15 = 17$$

$$1 + 16 = 17$$

$$10 + 7 = 17$$

$$9 + \quad = 17$$

$$8 + \quad = 17$$

$$7 + \quad = 17$$

$$6 + \quad = 17$$

$$5 + \quad = 17$$

$$4 + \quad = 17$$

$$3 + \quad = 17$$

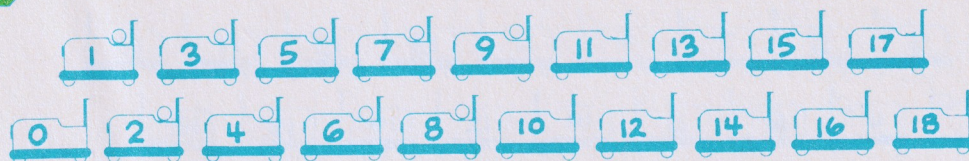
$$2 + \quad = 17$$

$$1 + \quad = 17$$

NAME _____



STOP AT 10, ADD EIGHT MORE TO GET TO 18



$$10 + 8 = 18$$

$$9 + \cancel{1+8} = 18$$

$$8 + \cancel{2+8} = 18$$

$$7 + \cancel{3+8} = 18$$

$$6 + \cancel{4+8} = 18$$

$$5 + \cancel{5+8} = 18$$

$$4 + \cancel{6+8} = 18$$

$$3 + \cancel{7+8} = 18$$

$$2 + \cancel{8+8} = 18$$

$$1 + \cancel{9+8} = 18$$

$$10 + 8 = 18$$

$$9 + \quad = 18$$

$$8 + \quad = 18$$

$$7 + \quad = 18$$

$$6 + \quad = 18$$

$$5 + \quad = 18$$

$$4 + \quad = 18$$

$$3 + \quad = 18$$

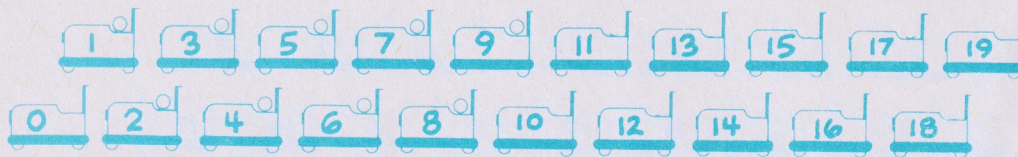
$$2 + \quad = 18$$

$$1 + \quad = 18$$

NAME _____



STOP AT 10, ADD NINE MORE TO GET TO 19



$$10 + 9 = 19$$

$$9 + 10 = 19$$

$$8 + 11 = 19$$

$$7 + 12 = 19$$

$$6 + 13 = 19$$

$$5 + 14 = 19$$

$$4 + 15 = 19$$

$$3 + 16 = 19$$

$$2 + 17 = 19$$

$$1 + 18 = 19$$

$$10 + 9 = 19$$

$$9 + \quad = 19$$

$$8 + \quad = 19$$

$$7 + \quad = 19$$

$$6 + \quad = 19$$

$$5 + \quad = 19$$

$$4 + \quad = 19$$

$$3 + \quad = 19$$

$$2 + \quad = 19$$

$$1 + \quad = 19$$

NAME _____



place value 17,18,19

1	3	5	7	9	11	13	15	17	19
0	2	4	6	8	10	12	14	16	18

MATCHING

- 10 12 TWELVE
- 10+1 14 FOURTEEN
- 10+2 15 FIFTEEN
- 10+3 10 TEN
- 10+4 11 ELEVEN
- 10+5 13 THIRTEEN
- 10+6 18 EIGHTEEN
- 10+7 19 NINETEEN
- 10+8 16 SIXTEEN
- 10+9 17 SEVENTEEN

BEFORE

	19		16		12
----------------------	----	----------------------	----	----------------------	----

AFTER

14		16		18	
----	----------------------	----	----------------------	----	----------------------

BETWEEN

	18			16	
----------------------	----	----------------------	----------------------	----	----------------------

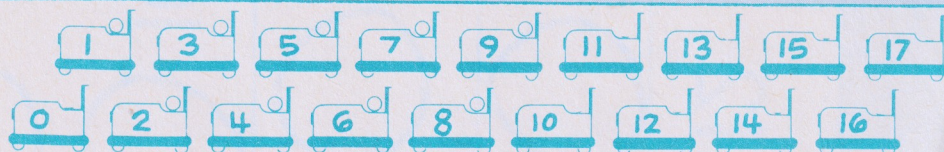
FILL IN

1	2		4			7	8		10
11			14			17			

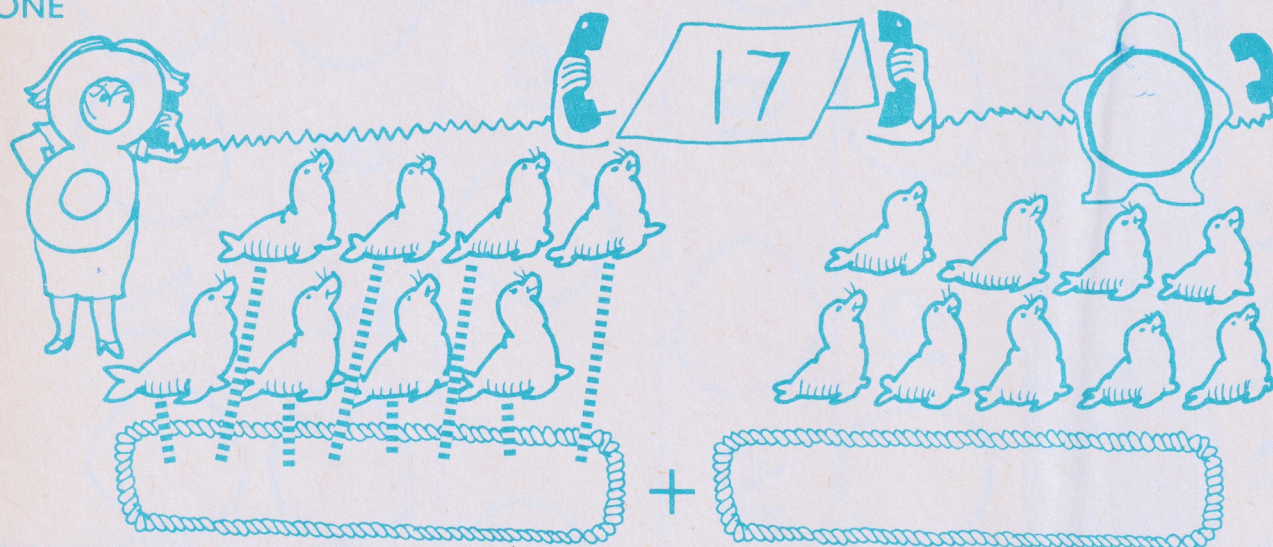
NAME _____



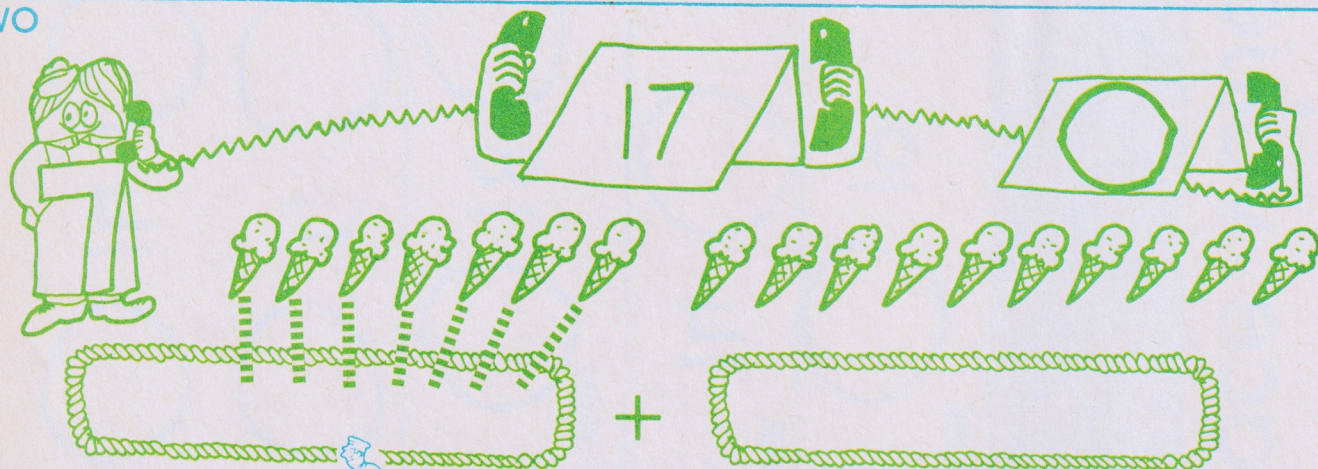
17 in addition



ONE



TWO



REMEMBERING



11	=	4	=	
12	=	3	=	
13	=	5	=	
10	=	6	=	

4	+	9	=
5	+	7	=
8	+	8	=
9	+	5	=

NAME _____



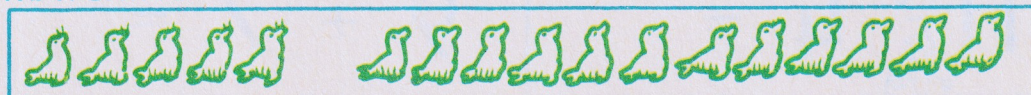
17 in addition

1	3	5	7	9	11	13	15	17
0	2	4	6	8	10	12	14	16

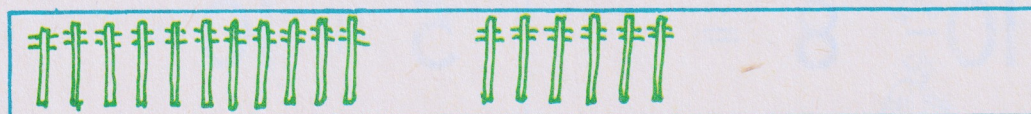
17 chart for addition

17 + = 17	8 + = 17
16 + = 17	7 + = 17
15 + = 17	6 + = 17
14 + = 17	5 + = 17
13 + = 17	4 + = 17
12 + = 17	3 + = 17
11 + = 17	2 + = 17
10 + = 17	1 + = 17
9 + = 17	0 + = 17

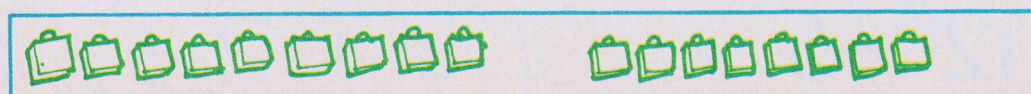
MATCHING



$11 + 6 = 17$



$9 + 8 = 17$

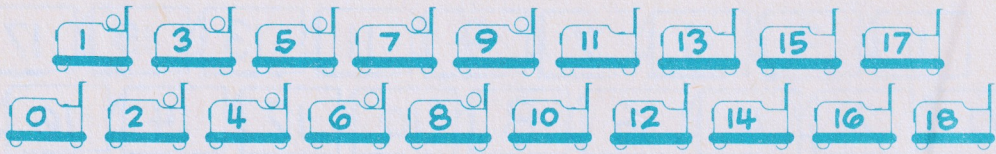


$5 + 12 = 17$

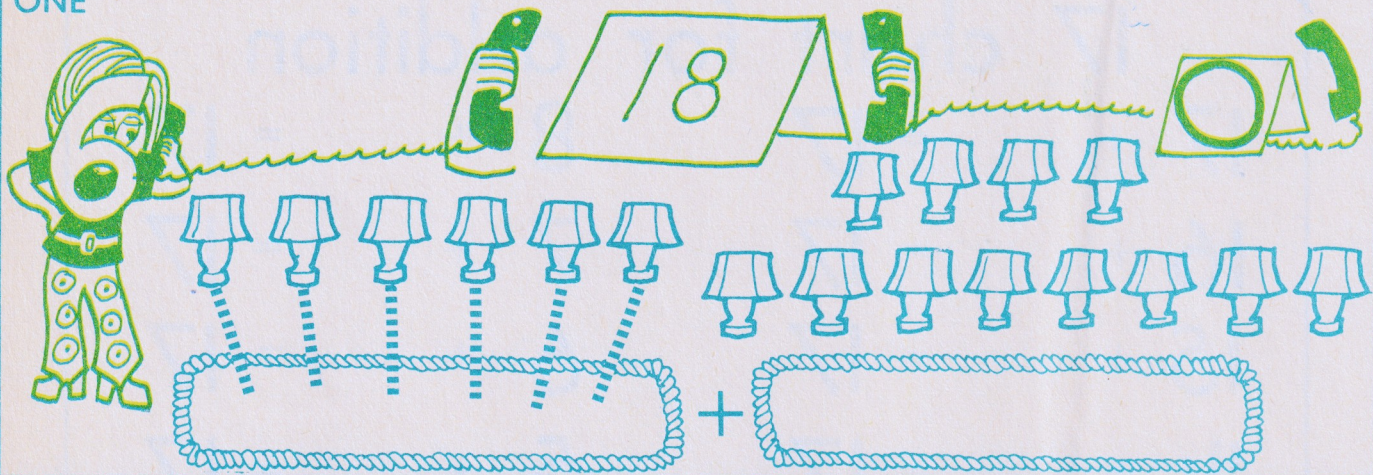
NAME _____



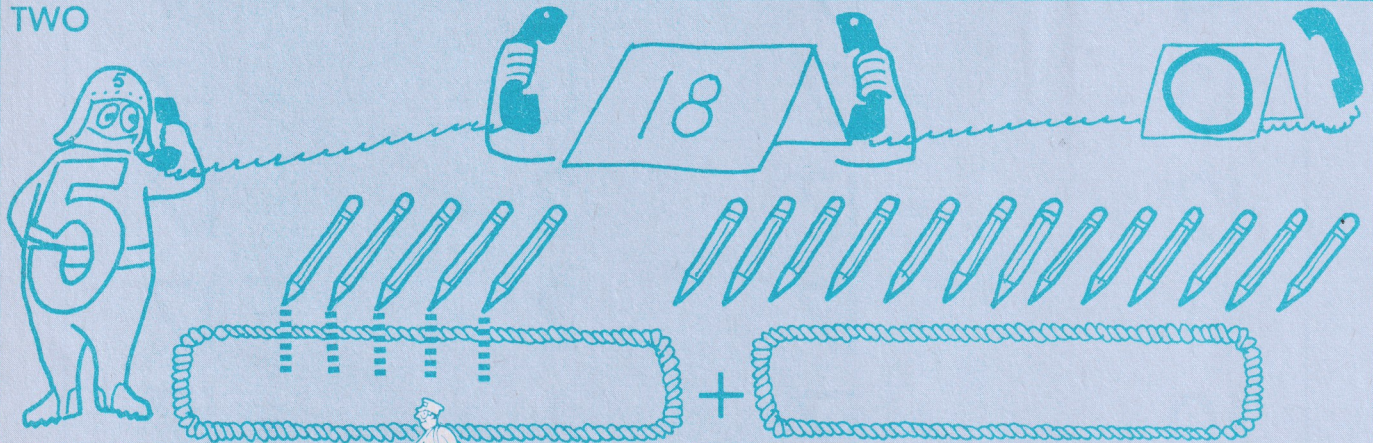
18 in addition



ONE



TWO



REMEMBERING



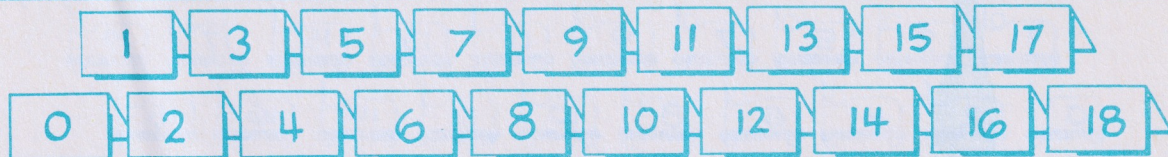
13	-	5	=	
11	-	4	=	
10	-	8	=	
12	-	6	=	

13	+	4	=
9	+	7	=
5	+	10	=
3	+	11	=

NAME _____



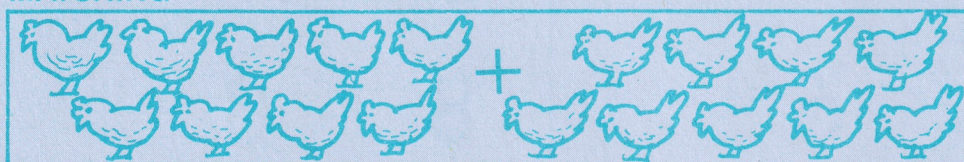
18 in addition



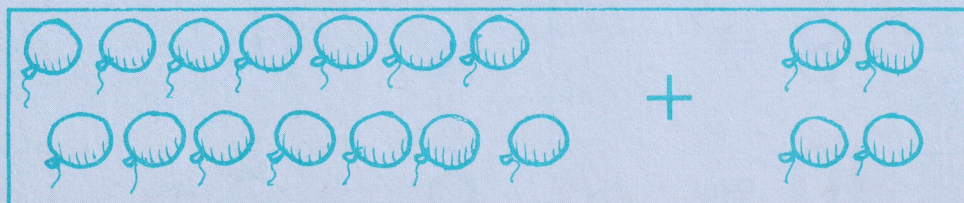
18 chart for addition

$18 + \bigcirc = 18$	$12 + \bigcirc = 18$	$6 + \bigcirc = 18$
$17 + \bigcirc = 18$	$11 + \bigcirc = 18$	$5 + \bigcirc = 18$
$16 + \bigcirc = 18$	$10 + \bigcirc = 18$	$4 + \bigcirc = 18$
$15 + \bigcirc = 18$	$9 + \bigcirc = 18$	$3 + \bigcirc = 18$
$14 + \bigcirc = 18$	$8 + \bigcirc = 18$	$2 + \bigcirc = 18$
$13 + \bigcirc = 18$	$7 + \bigcirc = 18$	$1 + \bigcirc = 18$
		$0 + \bigcirc = 18$

MATCHING



$$14 + 4 = 18$$

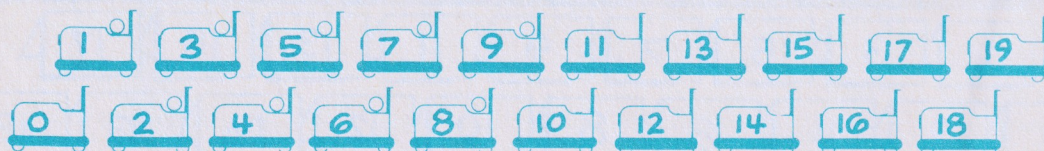


$$9 + 9 = 18$$

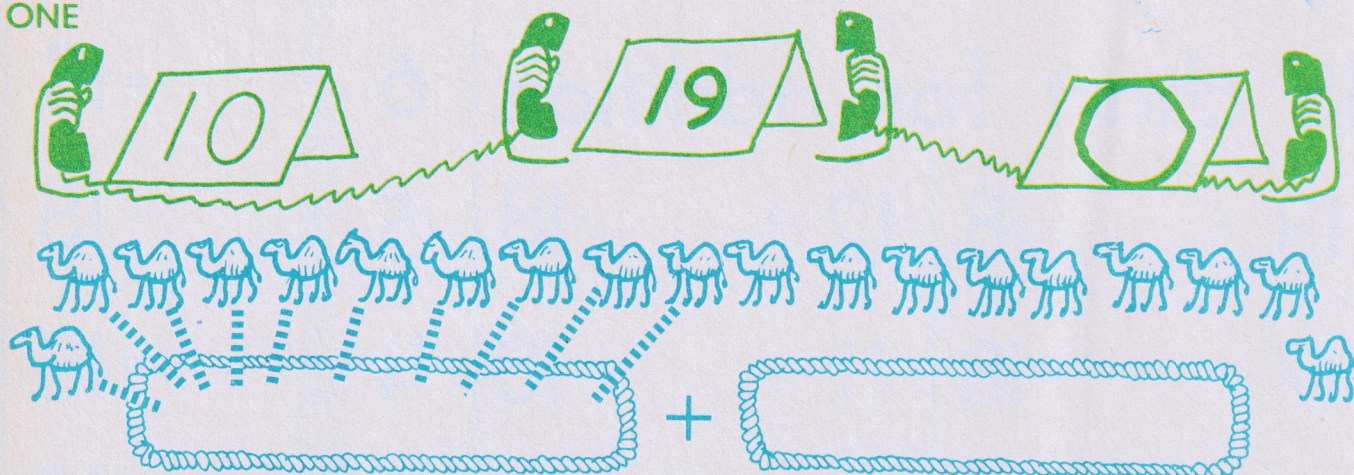
NAME _____



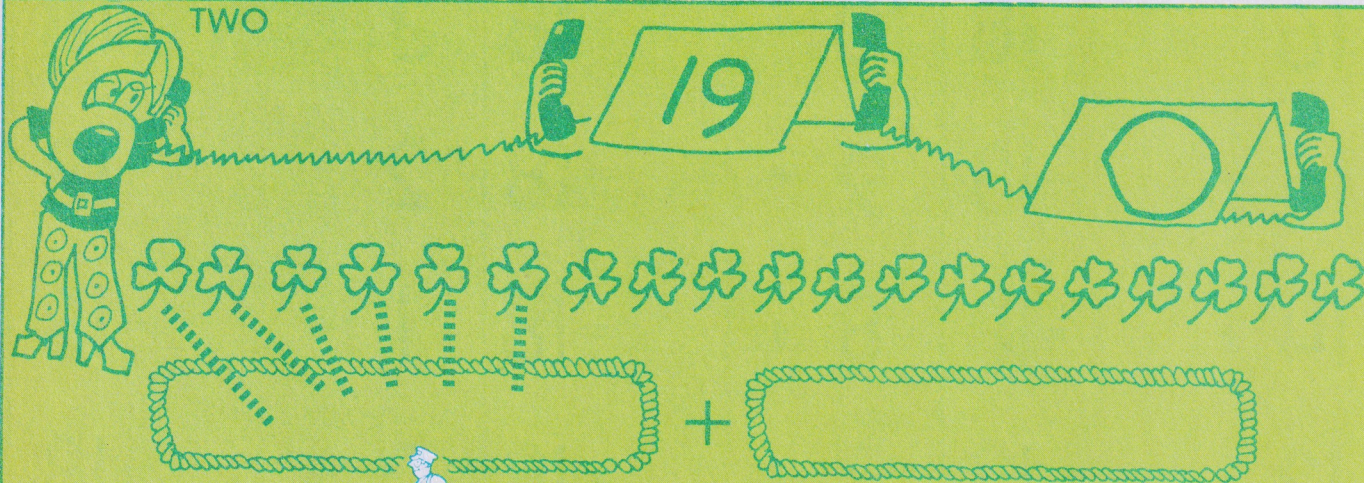
19 in addition



ONE



TWO



REMEMBERING



13	-	4	=	
13	-	6	=	
13	-	8	=	
13	-	10	=	

6	+	11	=	
8	+	8	=	
4	+	14	=	
6	+	5	=	

NAME _____

19 in addition

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----

19 chart for addition

19	19	19	19	19	19	19	19
=	=	=	=	=	=	=	=
+	+	+	+	+	+	+	+
19	18	17	16	15	14	13	

19	19	19	19	19	19	19	19
=	=	=	=	=	=	=	=
+	+	+	+	+	+	+	+
12	11	10	9	8	7	6	

19	19	19	19	19	19	19	19
=	=	=	=	=	=	=	=
+	+	+	+	+	+	+	+
5	4	3	2	1	0		

MATCHING



$$11 + 8 = 19$$



$$7 + 12 = 19$$



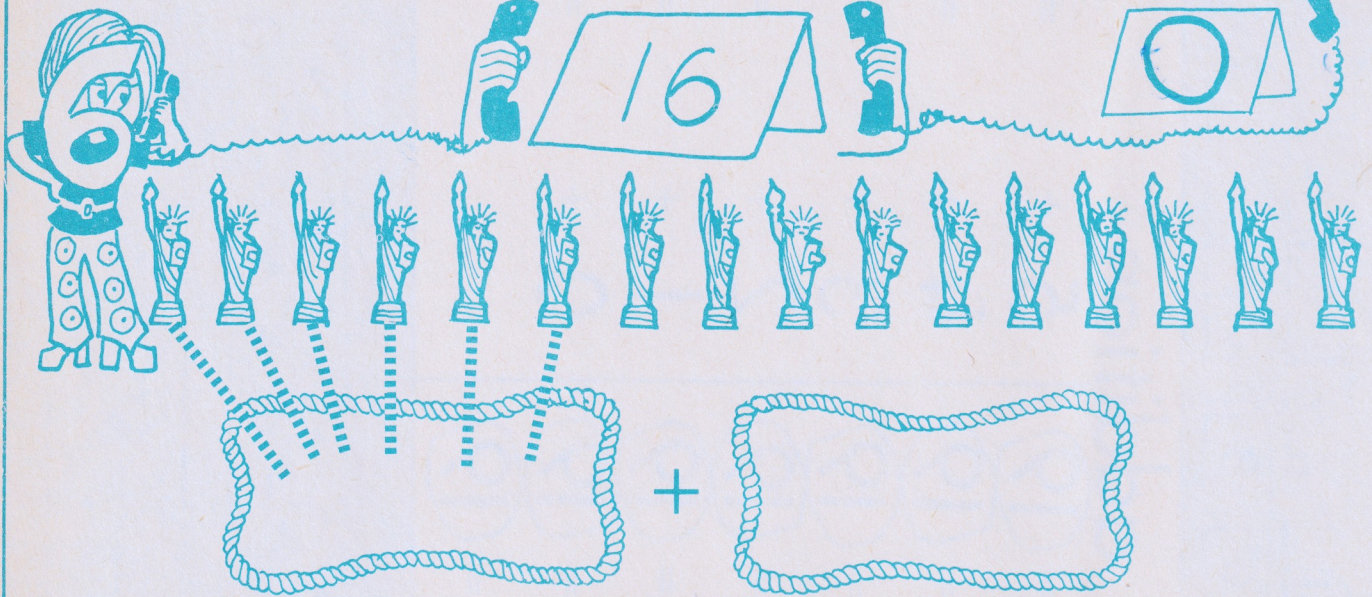
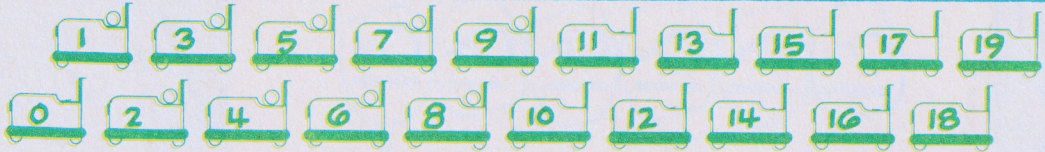
NAME _____



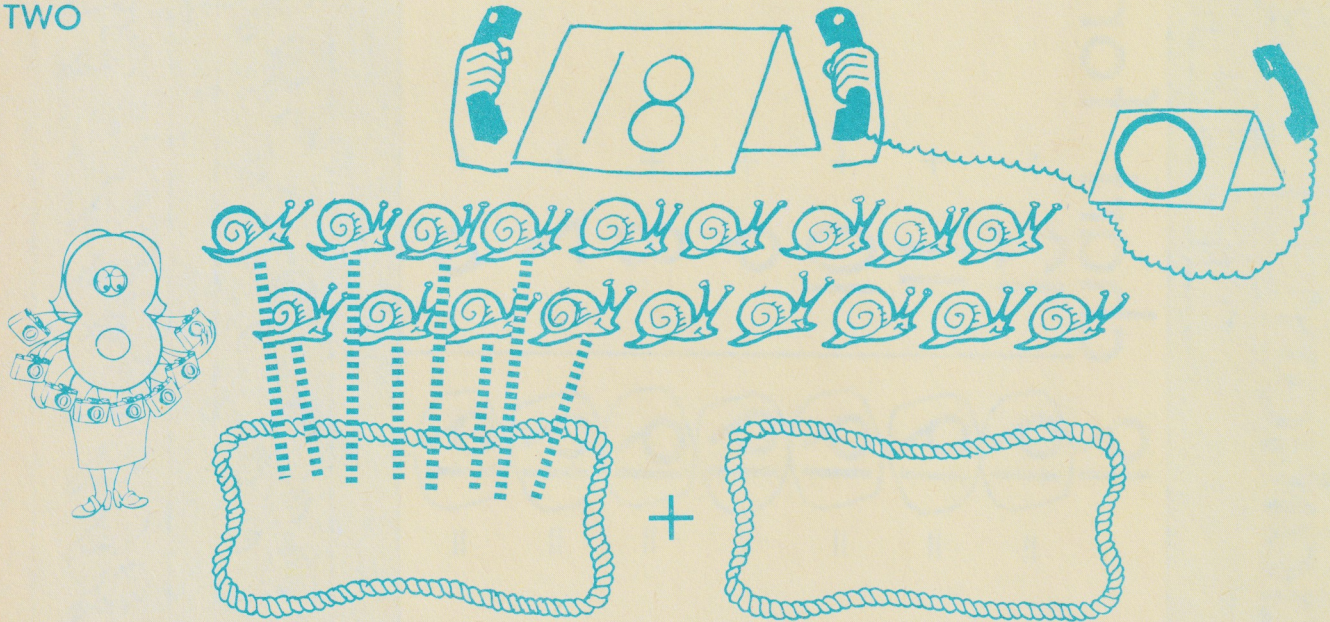
#8

review

ONE



TWO



THREE

0	1		3		5		7		9
10			13	14		16			19

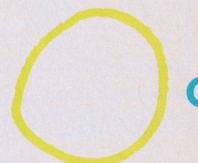
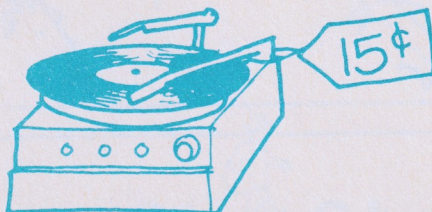
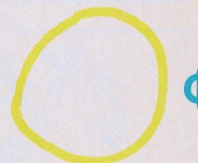
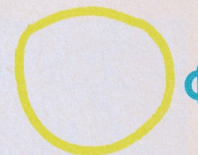
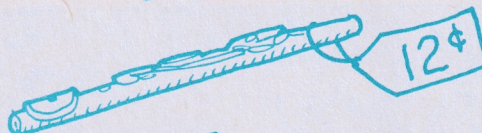
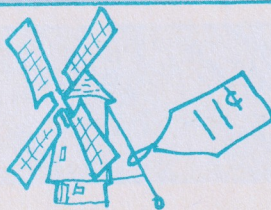
NAME _____



ONE

review #8

HOW MUCH MONEY IS LEFT ?



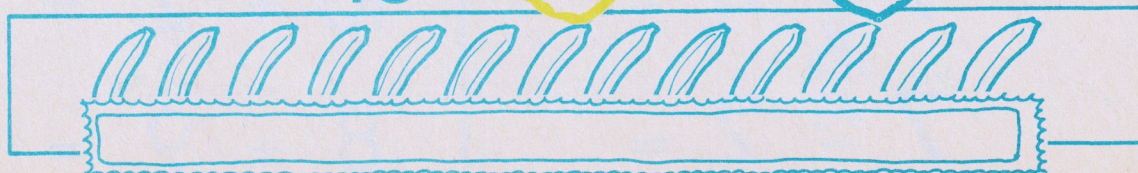
TWO

$$13 - \bigcirc = \bigcirc$$



THREE

$$13 - \bigcirc = \bigcirc$$



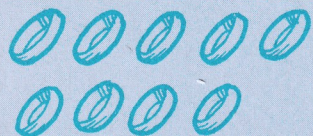
NAME _____



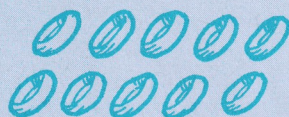
review

#8

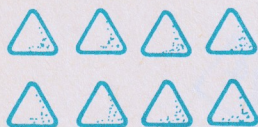
MATCHING



+



$10 + 7 = 17$



+



$6 + 8 = 14$



+



$9 + 10 = 19$



+



$8 + 5 = 13$

REMEMBERING



13



-

13

=

13



-

0

=

8



-

5

=

9



-

4

=

7



-

2

=

6

+

8

=

9

+

10

=

11

+

5

=

10

+

2

=

8

+

9

=

NAME _____



#8

review

How Many More To Get To:

$$8 + 9 = 17$$

$$11 + \bigcirc = 15$$

$$13 + \bigcirc = 18$$

$$12 + \bigcirc = 16$$

$$10 + \bigcirc = 19$$

$$11 + \bigcirc = 14$$

$$8 + 5 = 13$$

$$7 + \bigcirc = 16$$

$$14 + \bigcirc = 19$$

$$11 + \bigcirc = 17$$

$$9 + \bigcirc = 15$$

$$3 + \bigcirc = 13$$

Matching

10	+	3		17
10	+	4		18
10	+	5		19
10	+	6		13
10	+	7		16
10	+	8		14
10	+	9		15

$$7 + \bigcirc = 14$$

$$2 + \bigcirc = 16$$

$$4 + \bigcirc = 18$$

$$7 + \bigcirc = 17$$

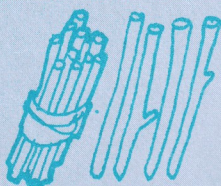
NAME _____



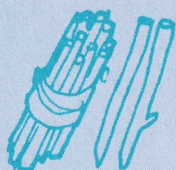
packaging tens



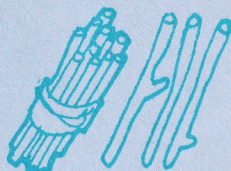
MATCHING



13



14



12

REMEMBERING



$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$

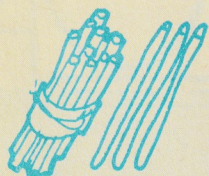
$$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$$

NAME _____

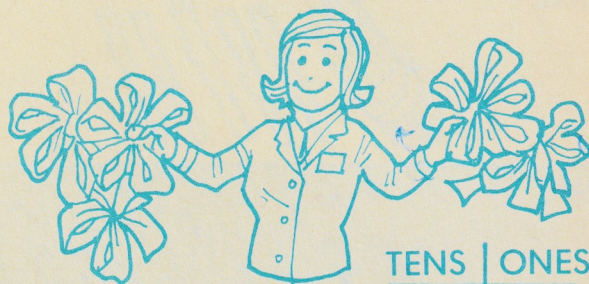
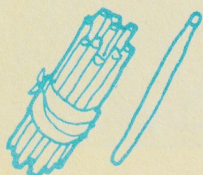
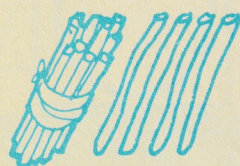
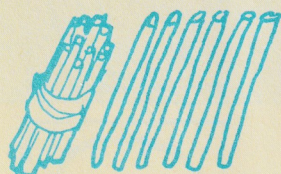


packaging tens

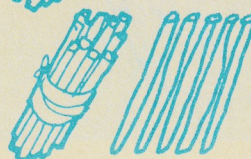
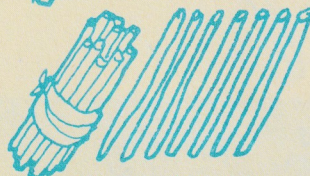
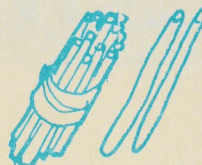
HOW MANY STICKS?



TENS	ONES
1	3



TENS	ONES
------	------



REMEMBERING

3

2

4

1

3

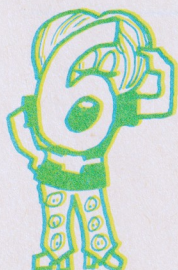
+ 3

+ 2

+ 4

+ 1

+ 2



4

7

3

6

4

+ 2

+ 2

+ 5

+ 2

+ 5

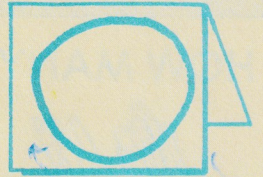
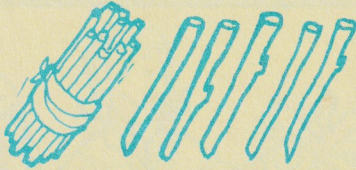
NAME _____



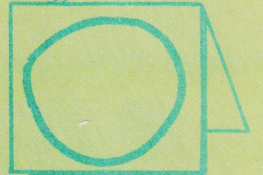
packaging tens



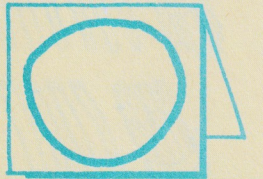
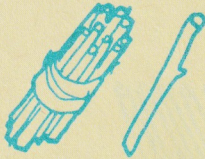
ONE



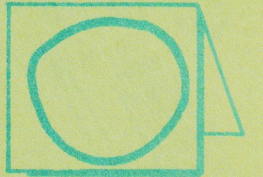
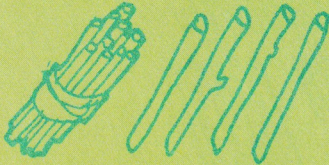
TWO



THREE



FOUR



REMEMBERING

4

7

4

8

4

+ 2

+ 1

+ 3

+ 0

+ 4



6

5

6

5

2

+ 3

+ 3

+ 2

+ 4

+ 5

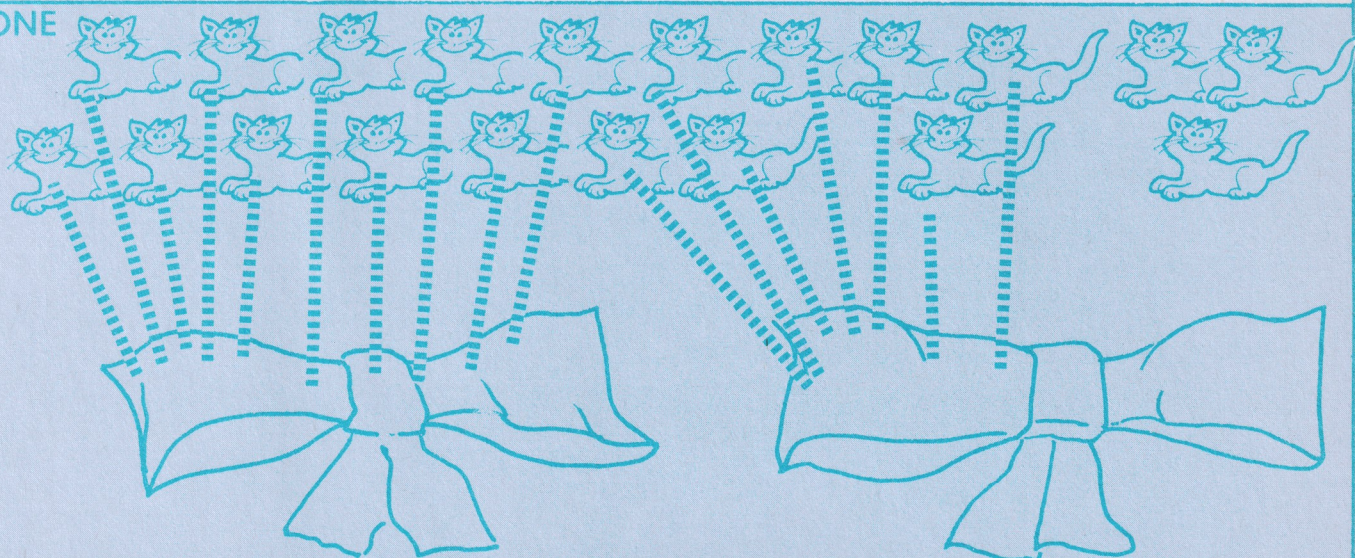
NAME _____



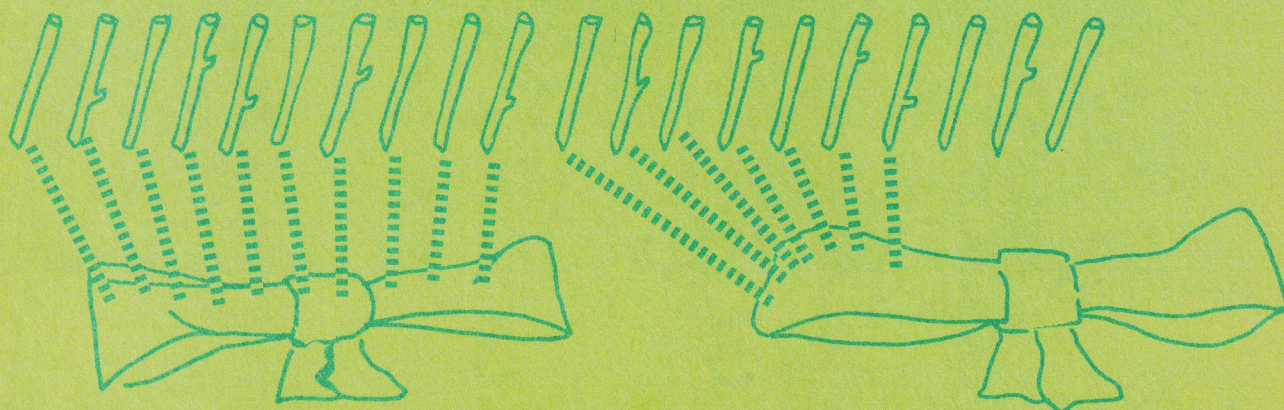
making 20



ONE



TWO



REMEMBERING



$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

NAME _____



place value 20

	TENS	ONES	
TEN	1	0	
ELEVEN			 
TWELVE			 
THIRTEEN			 
FOURTEEN			 
FIFTEEN			 
SIXTEEN			 
SEVENTEEN			 
EIGHTEEN			 
NINETEEN			 
TWENTY			 

REMEMBERING

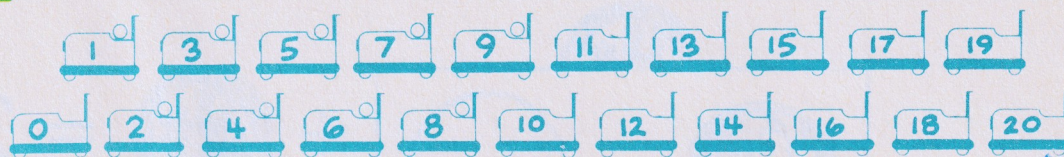


$$\begin{array}{cccccc}
 8 & 5 & 3 & 2 & 1 \\
 + & 1 & 3 & 4 & 4 & 3 \\
 \hline
 \end{array}$$

NAME _____



AT 10, ADD TEN MORE TO GET TO 20



$$10 + 10 = 20$$

$$9 + 11 = 20$$

$$8 + 12 = 20$$

$$7 + 13 = 20$$

$$6 + 14 = 20$$

$$5 + 15 = 20$$

$$4 + 16 = 20$$

$$3 + 17 = 20$$

$$2 + 18 = 20$$

$$1 + 19 = 20$$

$$10 + 10 = 20$$

$$9 + \quad = 20$$

$$8 + \quad = 20$$

$$7 + \quad = 20$$

$$6 + \quad = 20$$

$$5 + \quad = 20$$

$$4 + \quad = 20$$

$$3 + \quad = 20$$

$$2 + \quad = 20$$

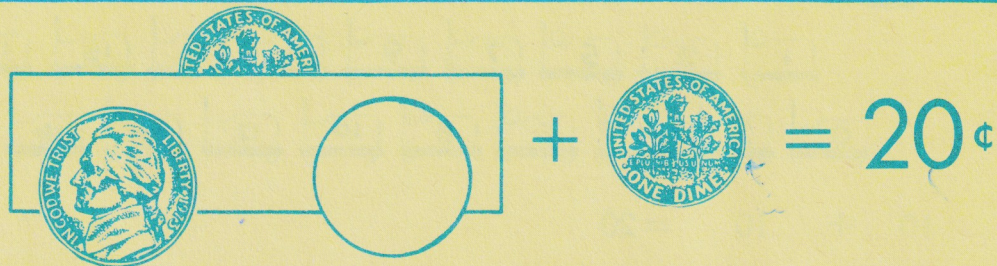
$$1 + \quad = 20$$

NAME _____



making 20¢

ONE



TWO



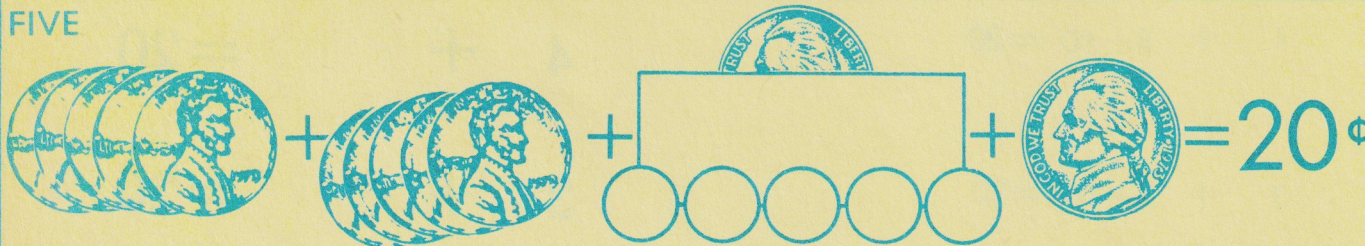
THREE



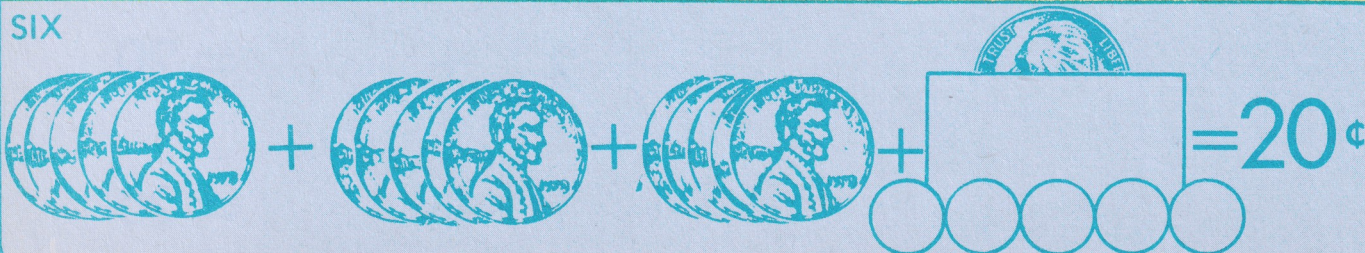
FOUR



FIVE



SIX

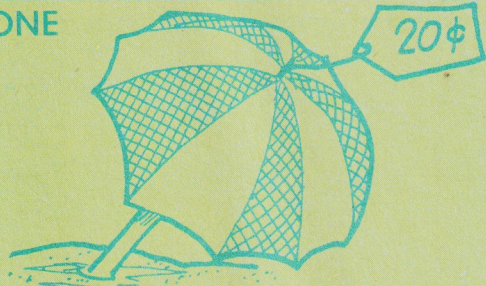


NAME _____

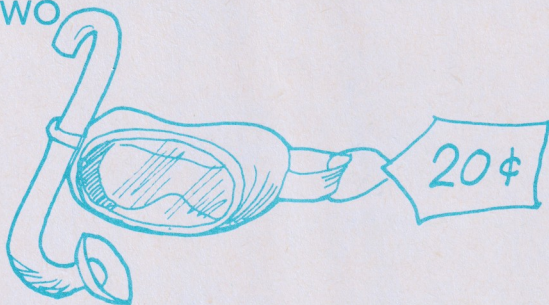


making 20¢

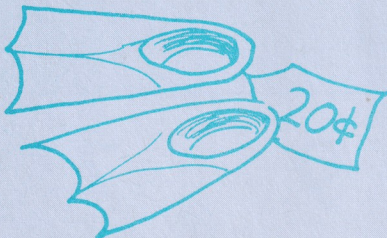
ONE



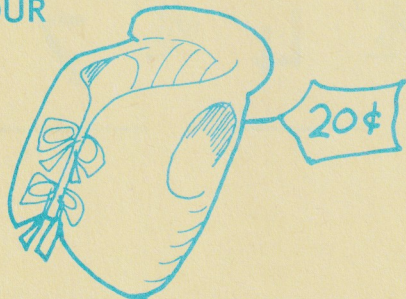
TWO



THREE



FOUR



REMEMBERING



$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$



$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$



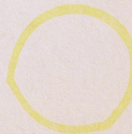
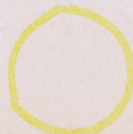
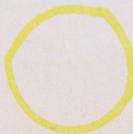
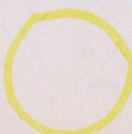
$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$



$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$



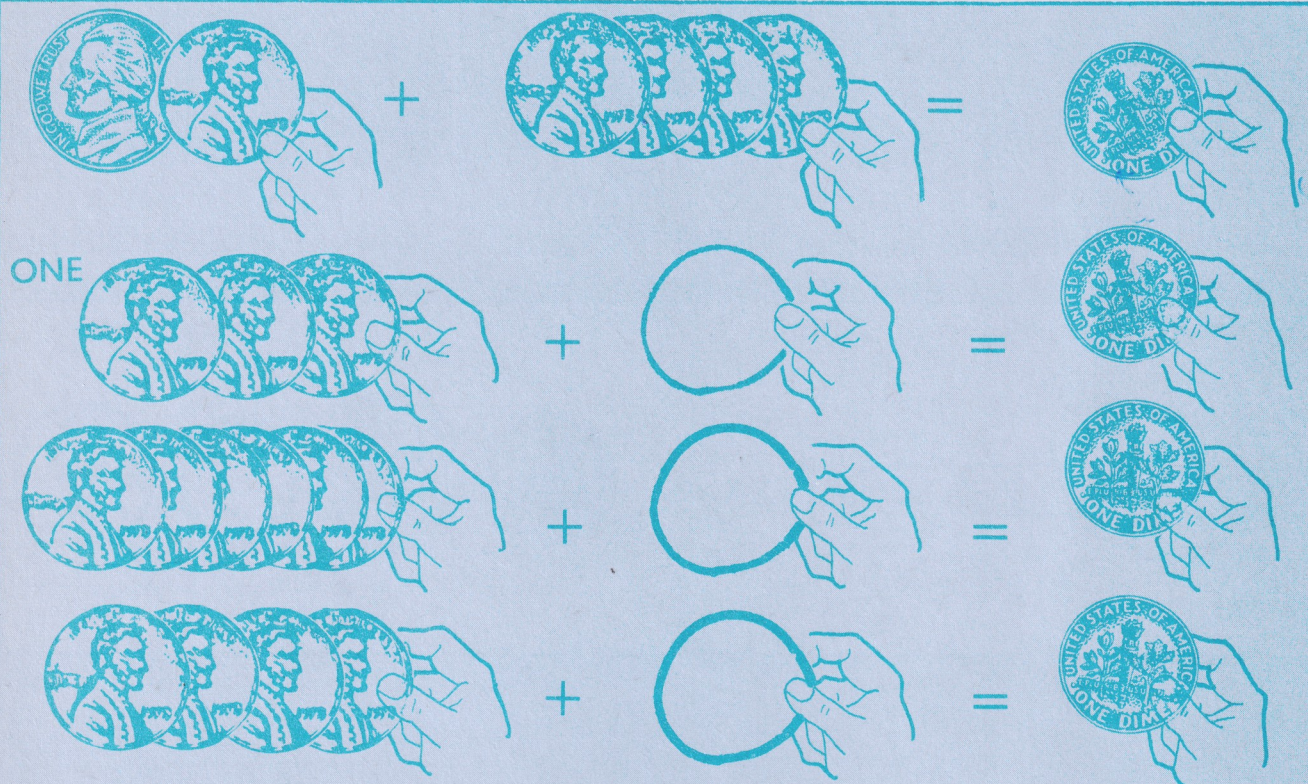
$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$



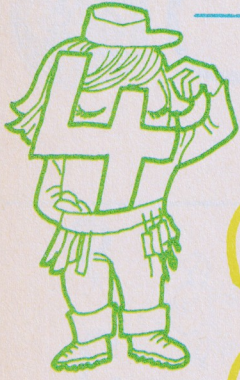
NAME _____



making 20¢



REMEMBERING

	4	5	8	9	7
	+ 4	+ 3	 1	 4	 7
	_____	_____	_____	_____	_____
	6	6	5	5	5
	+ 2	 4	+ 4	 4	+ 0
	_____	_____	_____	_____	_____

NAME _____



review of vertical addition and subtraction



$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$



$$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$$



$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$



$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$



$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$



$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$



$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$



$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$



$$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$$



$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$



$$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

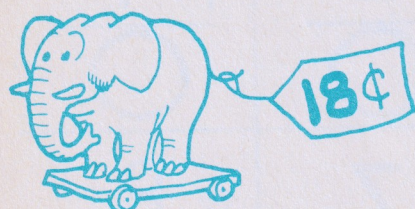
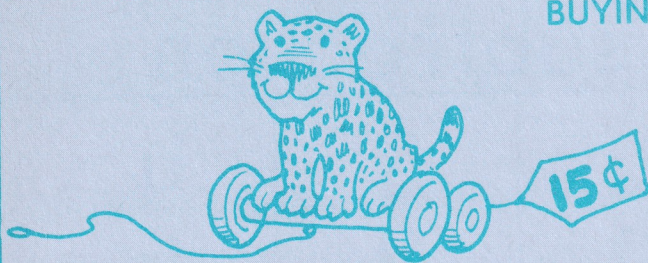
$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

NAME _____

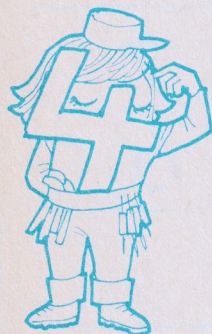


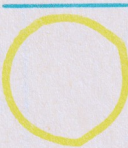
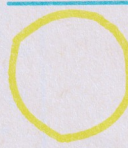
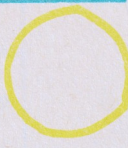
making change from 20 ¢

BUYING WITH 20¢



REMEMBERING



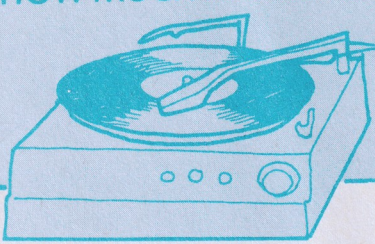
 $\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$	 $\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	 $\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	 $\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	 $\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$
				
$\begin{array}{c} (2) \\ + (4) \\ \hline \end{array}$	$\begin{array}{c} (4) \\ + (4) \\ \hline \end{array}$	$\begin{array}{c} (5) \\ + (3) \\ \hline \end{array}$	$\begin{array}{c} (3) \\ + (6) \\ \hline \end{array}$	$\begin{array}{c} (2) \\ + (5) \\ \hline \end{array}$



NAME _____

making change

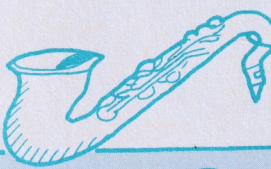
HOW MUCH MONEY IS LEFT?



12¢



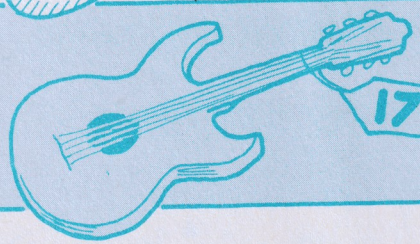
○ ¢



13¢



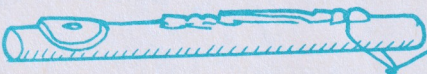
○ ¢



17¢



○ ¢

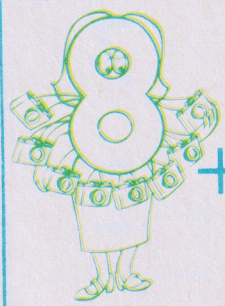


8¢



○ ¢

REMEMBERING



$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

NAME _____



money

MATCHING

REMEMBERING

	$\begin{array}{c} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{c} 0 \\ + 7 \\ \hline \end{array}$	$\begin{array}{c} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{c} 6 \\ + 2 \\ \hline \end{array}$	$\begin{array}{c} 7 \\ + 2 \\ \hline \end{array}$
--	---	---	---	---	---

$\begin{array}{c} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{c} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{c} 4 \\ - 2 \\ \hline \end{array}$	$\begin{array}{c} 6 \\ - 0 \\ \hline \end{array}$	$\begin{array}{c} 5 \\ - 3 \\ \hline \end{array}$

NAME _____



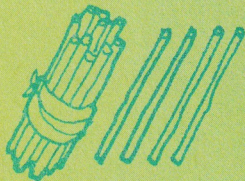
#9

review

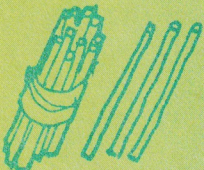
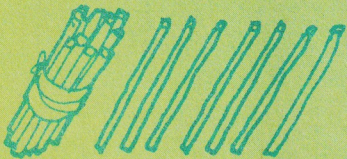


How Many Sticks?

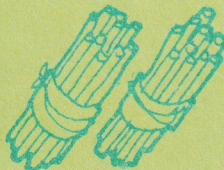
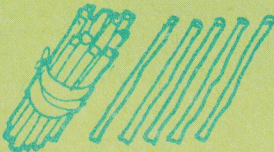
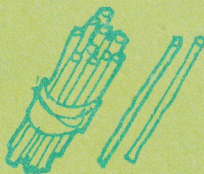
TENS ONES



1 4



TENS ONES



REMEMBERING



7

3

+

6

2



8

5



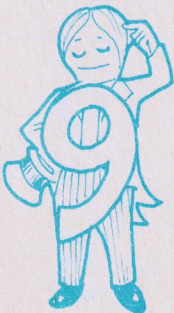
9

0

+

0

0



+

2

5



3

3

0



8

4

0

+

1

6

+

2

7

NAME _____



review

#9

GETTING TO 20

$$8 + \bigcirc = 20$$

$$3 + \bigcirc = 20$$

$$1 + \bigcirc = 20$$

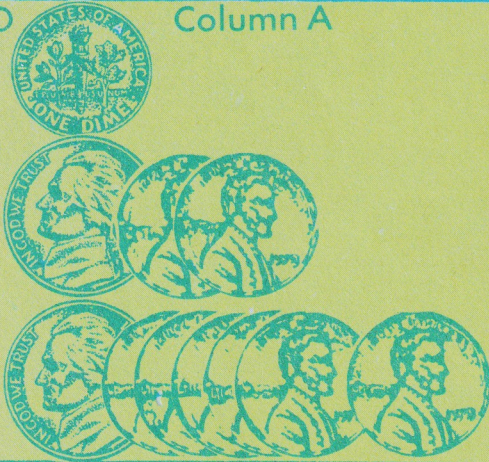
ONE

$$10 + \bigcirc = 20$$

$$5 + \bigcirc = 20$$

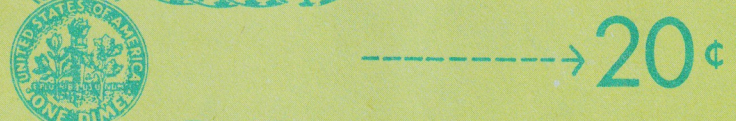
TWO

Column A

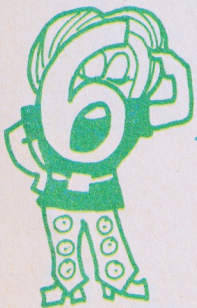


Column B

MAKING 20¢ BY MATCHING



REMEMBERING



$\bigcirc$	5	8	7	6	5
+	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	3	3	4	4	1
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$

$\bigcirc$	2	6	3	8	9
+	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	4	3	4	2	5
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$

NAME _____

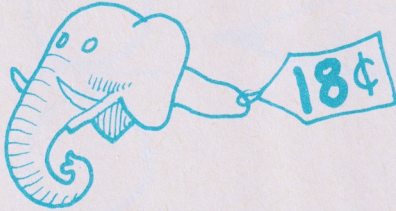


ONE

Buying with 20¢

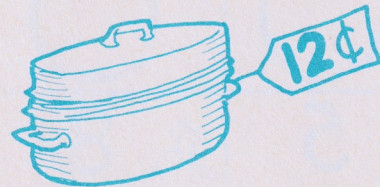
review

#9



TWO

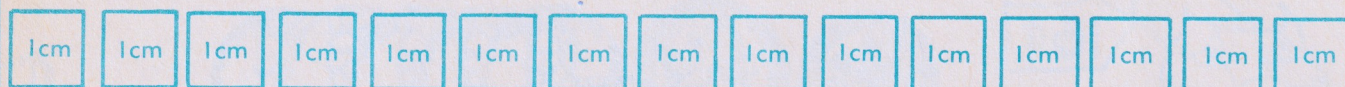
How much money is left?



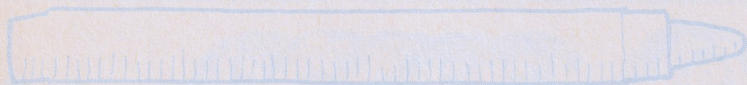
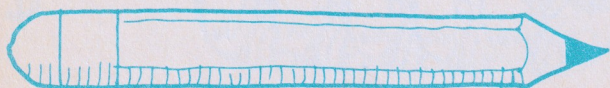


NAME _____

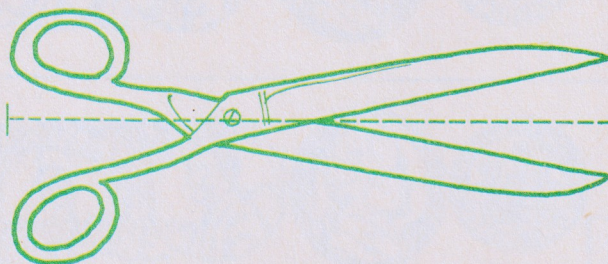
measurement – centimeters



ONE



TWO



REMEMBERING



$$\begin{array}{r} 0 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$


$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$


$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$


$$\begin{array}{r} 3 \\ - 0 \\ \hline \end{array}$$


$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

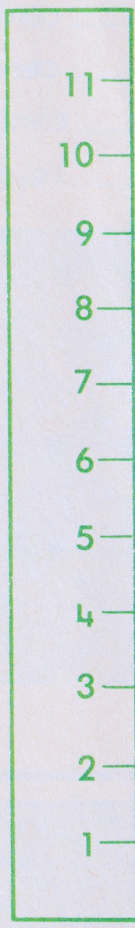

$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

NAME _____



measurement-centimeters

ONE



centimeters



centimeters



TWO

MORE THAN 4 centimeters

4 centimeters > 3 centimeters

4 centimeters > _____ centimeters

4 centimeters > _____ centimeters

LESS THAN 9 centimeters

9 centimeters < 10 centimeters

9 centimeters < _____ centimeters

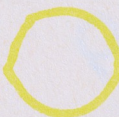
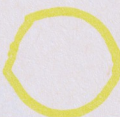
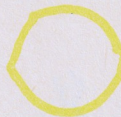
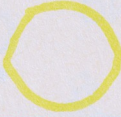
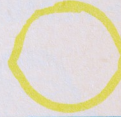
9 centimeters < _____ centimeters

9 centimeters < _____ centimeters

9 centimeters < _____ centimeters

REMEMBERING

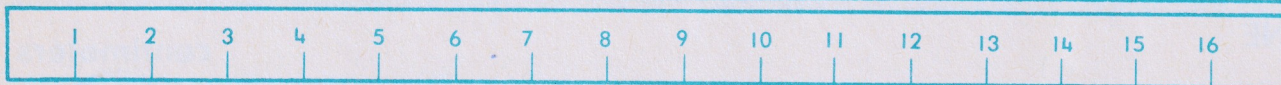


	<u>8</u>		<u>9</u>		<u>8</u>		<u>7</u>		<u>8</u>
	<u>2</u>		<u>3</u>		<u>3</u>		<u>5</u>		<u>4</u>
									
	<u>3</u>		<u>2</u>		<u>5</u>		<u>3</u>		<u>8</u>
	<u>5</u>		<u>4</u>		<u>2</u>		<u>0</u>		<u>1</u>

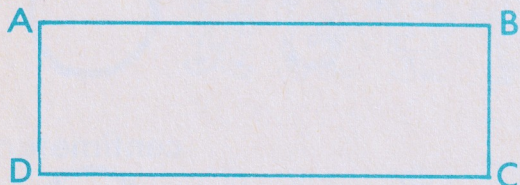
NAME _____



measurement - centimeters



ONE



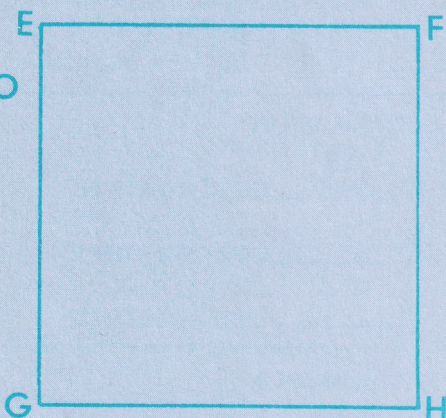
length of AB _____ centimeters

AD _____ centimeters

BC _____ centimeters

DC _____ centimeters

TWO



length of EF _____ centimeters

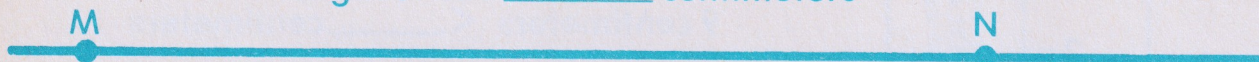
EG _____ centimeters

FH _____ centimeters

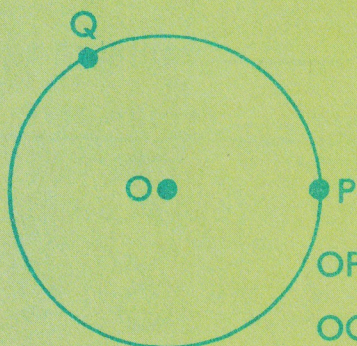
GH _____ centimeters

THREE

length of MN _____ centimeters



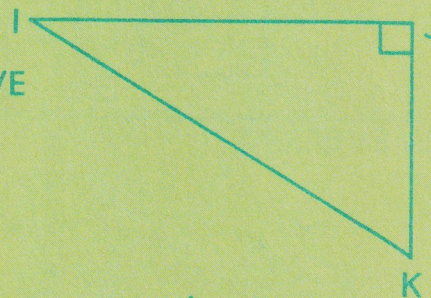
FOUR



OP _____ centimeters

OQ _____ centimeters

FIVE



IK _____ centimeters

REMEMBERING



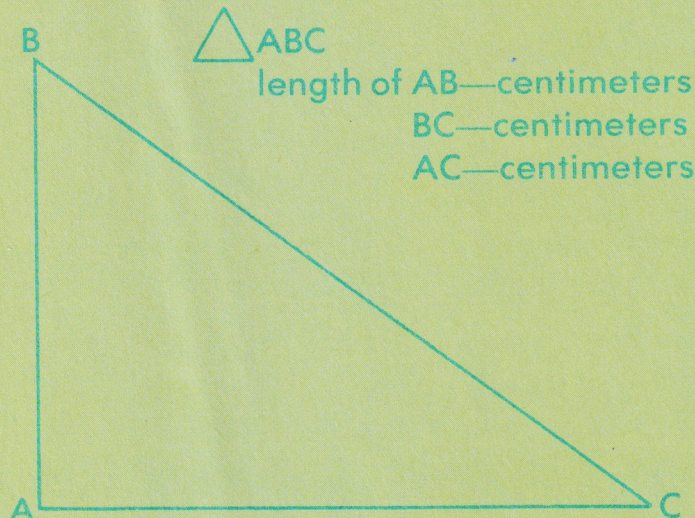
NAME _____



measurement - centimeters



ONE



TWO



length of GH—cm
GI—cm

REMEMBERING

7



2

8



3

7



4

8



5

7



3



5



3

8



7

5



4

8



4

5



2

NAME _____



21-29

	TENS	ONES	
TWENTY	2	0	
TWENTY ONE			 
TWENTY TWO			 
TWENTY THREE			 
TWENTY FOUR			 
TWENTY FIVE			 
TWENTY SIX			 
TWENTY SEVEN			 
TWENTY EIGHT			 
TWENTY NINE			 



$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$



$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$



$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$

NAME _____



21-29

ONE

FILL IN THE ODD NUMERALS

20		22		24		26		28	
----	----------------------	----	----------------------	----	----------------------	----	----------------------	----	----------------------

TWO

BEFORE

	23		26		29
----------------------	----	----------------------	----	----------------------	----

THREE

AFTER

23		25		28	
----	----------------------	----	----------------------	----	----------------------

FOUR

BETWEEN

	21			24			28	
----------------------	----	----------------------	----------------------	----	----------------------	----------------------	----	----------------------

FIVE

MORE THAN

23 >

23 >

LESS THAN

26 <

26 <

REMEMBERING



3	7	3	4	4
+	+	+	+	+
5	2	2	5	4

7	6	7	6	8
-	-	-	-	-
2	2	4	4	2

NAME _____



21-29

How Many Sticks?

TENS		ONES	TENS		ONES
	2	3			

REMEMBERING

$$\begin{array}{r}
 2 \\
 + 4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 3 \\
 + 3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 2 \\
 + 5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 3 \\
 + 4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 2 \\
 + 6 \\
 \hline
 \end{array}$$



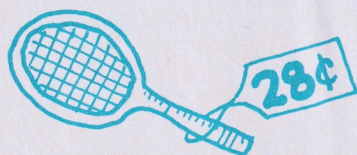
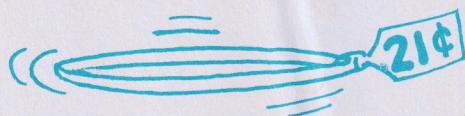
	7	9	7	9	7
	2	3	4	5	6
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

NAME _____

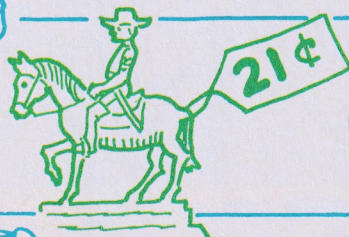


21-29

ONE Buying with 29¢



TWO How much money is left?



NAME _____

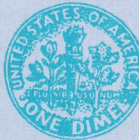


25¢ = quarter

25¢ =



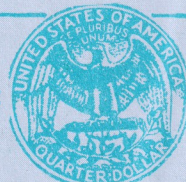
+



+



=



ONE



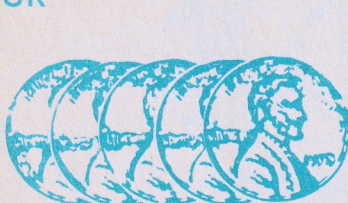
TWO



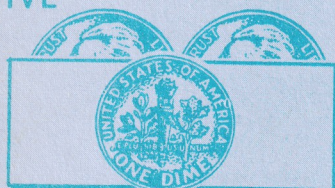
THREE



FOUR



FIVE



SIX



SEVEN



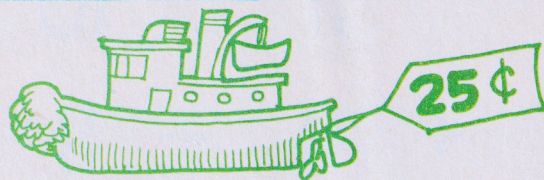
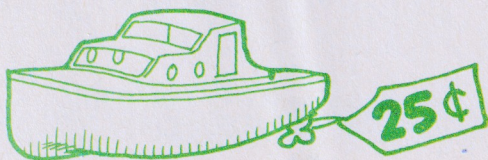
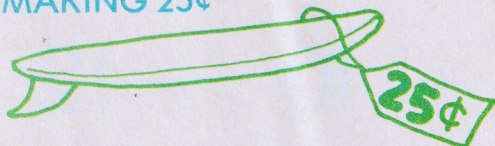
NAME _____



adding nickels to make 25¢



MAKING 25¢



REMEMBERING

$$\begin{array}{r} 5 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 4 \\ \hline \end{array}$$



$$\begin{array}{r} 6 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 3 \\ \hline \end{array}$$

NAME _____



vertical addition

$$\begin{array}{r} 13 \\ + 12 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ + 13 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ + 11 \\ \hline \end{array} \quad \begin{array}{r} 19 \\ + 10 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 11 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ + 11 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ + 11 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ + 11 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 13 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ + 13 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ + 13 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ + 13 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ + 3 \\ \hline \end{array}$$

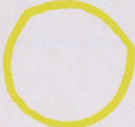
$$\begin{array}{r} 14 \\ + 14 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ + 10 \\ \hline \end{array} \quad \begin{array}{r} 22 \\ + 17 \\ \hline \end{array} \quad \begin{array}{r} 23 \\ + 13 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ + 13 \\ \hline \end{array}$$

NAME _____



vertical subtraction

	$\begin{array}{r} 27 \\ - 11 \\ \hline \end{array}$		$\begin{array}{r} 18 \\ - 11 \\ \hline \end{array}$		$\begin{array}{r} 22 \\ - 11 \\ \hline \end{array}$		$\begin{array}{r} 25 \\ - 11 \\ \hline \end{array}$		$\begin{array}{r} 15 \\ - 11 \\ \hline \end{array}$
									

	$\begin{array}{r} 17 \\ - 12 \\ \hline \end{array}$		$\begin{array}{r} 14 \\ - 12 \\ \hline \end{array}$		$\begin{array}{r} 22 \\ - 12 \\ \hline \end{array}$		$\begin{array}{r} 29 \\ - 12 \\ \hline \end{array}$		$\begin{array}{r} 12 \\ - 12 \\ \hline \end{array}$
									

	$\begin{array}{r} 14 \\ - 13 \\ \hline \end{array}$		$\begin{array}{r} 26 \\ - 13 \\ \hline \end{array}$		$\begin{array}{r} 23 \\ - 13 \\ \hline \end{array}$		$\begin{array}{r} 19 \\ - 13 \\ \hline \end{array}$		$\begin{array}{r} 28 \\ - 13 \\ \hline \end{array}$
									

	$\begin{array}{r} 20 \\ - 10 \\ \hline \end{array}$		$\begin{array}{r} 29 \\ - 10 \\ \hline \end{array}$		$\begin{array}{r} 17 \\ - 10 \\ \hline \end{array}$		$\begin{array}{r} 11 \\ - 10 \\ \hline \end{array}$		$\begin{array}{r} 25 \\ - 10 \\ \hline \end{array}$
									

NAME _____



vertical addition & subtraction

$$\begin{array}{r} 27 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ + 18 \\ \hline \end{array} \quad \begin{array}{r} 19 \\ + 10 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ + 12 \\ \hline \end{array} \quad \begin{array}{r} 22 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 15 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ + 11 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ + 14 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ + 15 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 13 \\ \hline \end{array} \quad \begin{array}{r} 23 \\ - 13 \\ \hline \end{array} \quad \begin{array}{r} 28 \\ - 26 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ - 12 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 13 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ - 13 \\ \hline \end{array} \quad \begin{array}{r} 19 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 27 \\ - 17 \\ \hline \end{array}$$

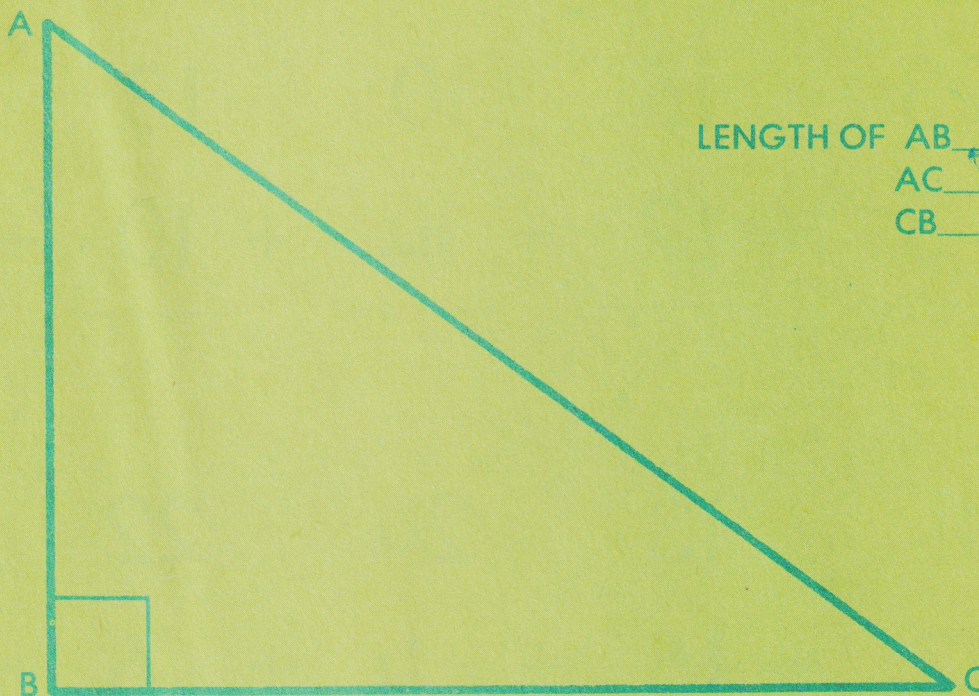
NAME _____



review

#10

ONE



LENGTH OF AB _____ CM
AC _____ CM
CB _____ CM

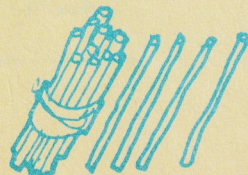
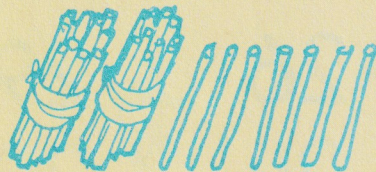
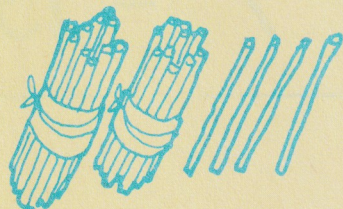
TWO Fill in the missing terms.

20 21 22 ○ 24 ○ 26 27 ○ 29

THREE

TENS

ONES



NAME _____



#10

review

$\begin{array}{r} 23 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 14 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ + 10 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ + 8 \\ \hline \end{array}$
--	---	---	---	--

$\begin{array}{r} 11 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 15 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 22 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ + 10 \\ \hline \end{array}$
---	---	--	--	---

$\begin{array}{r} 27 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ - 15 \\ \hline \end{array}$
---	---	--	--	---

$\begin{array}{r} 16 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 14 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 29 \\ - 20 \\ \hline \end{array}$
--	---	--	---	---

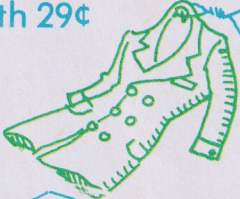
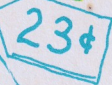
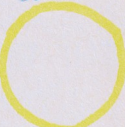
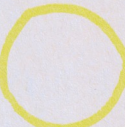
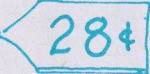
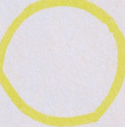
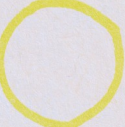
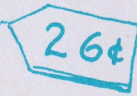
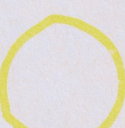
NAME _____



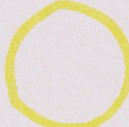
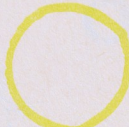
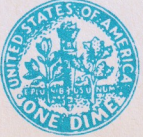
#10

review

Buying with 29¢

					¢	
						¢
						¢
						¢
						¢
						¢

Making 25¢

				¢	
				¢	
				¢	
					¢

NAME _____



30-39

	TENS	ONES	
THIRTY	3	0	
THIRTY ONE			
THIRTY TWO			
THIRTY THREE			
THIRTY FOUR			
THIRTY FIVE			
THIRTY SIX			
THIRTY SEVEN			
THIRTY EIGHT			
THIRTY NINE			

REMEMBERING



$$\begin{array}{r} 16 \\ + 12 \\ \hline \end{array}$$



$$\begin{array}{r} 17 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 15 \\ \hline \end{array}$$



$$\begin{array}{r} 25 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 5 \\ \hline \end{array}$$

NAME _____



30-39

FILL IN THE ODD NUMERALS

ONE 30 32 34 36 38

TWO 36 BEFORE 39 32

THREE 30 AFTER 37 33

FOUR 33 BETWEEN 38 31

FIVE MORE THAN LESS THAN

33 > 33 > 33 > 36 < 36 < 36 <

REMEMBERING

$\begin{array}{r} 26 \\ + 0 \\ \hline \end{array}$
 $\begin{array}{r} 18 \\ - 10 \\ \hline \end{array}$
 $\begin{array}{r} 12 \\ + 12 \\ \hline \end{array}$
 $\begin{array}{r} 29 \\ - 19 \\ \hline \end{array}$
 $\begin{array}{r} 14 \\ + 14 \\ \hline \end{array}$



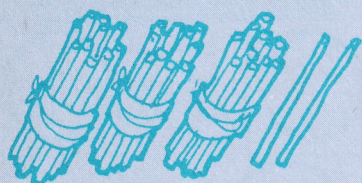
$\begin{array}{r} 17 \\ - 11 \\ \hline \end{array}$
 $\begin{array}{r} 16 \\ + 13 \\ \hline \end{array}$
 $\begin{array}{r} 14 \\ - 3 \\ \hline \end{array}$
 $\begin{array}{r} 15 \\ + 12 \\ \hline \end{array}$
 $\begin{array}{r} 15 \\ - 12 \\ \hline \end{array}$

NAME _____



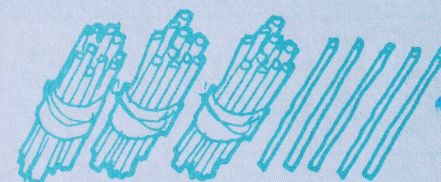
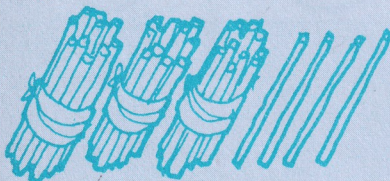
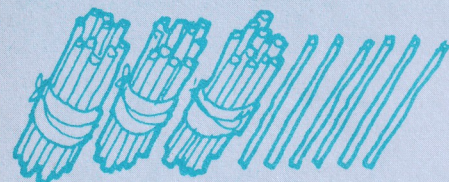
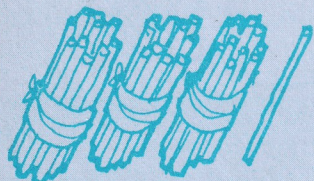
30-39

How Many Sticks?

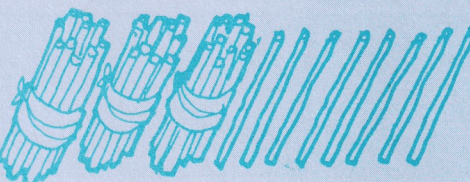
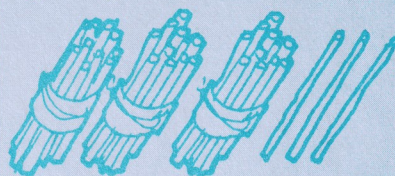
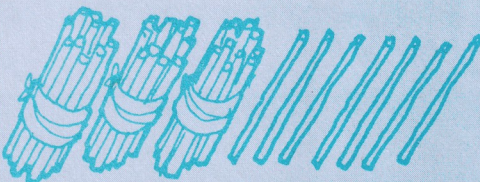


TENS ONES

3 2



TENS ONES



REMEMBERING

14

14

19

22

16

+ 3

+ 11

+ 10

+ 7

+ 12



14
- 3

14
- 11

19
- 10

27
- 2

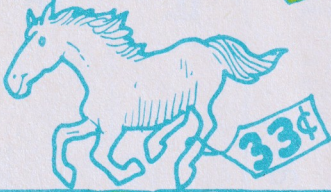
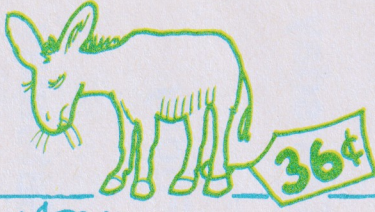
16
- 12

NAME _____

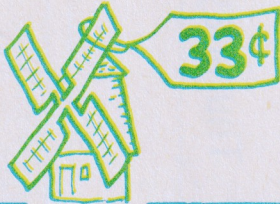


ONE BUYING WITH 39¢

30-39

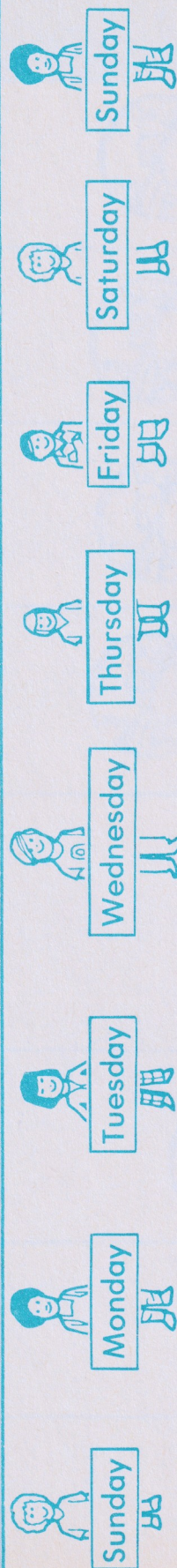


TWO HOW MUCH MONEY IS LEFT?





days of the week



ONE

Monday Tuesday Wednesday Thursday Friday _____ Sunday

Sunday

TWO

Monday Tuesday _____ Thursday Friday Saturday Sunday

Monday

THREE

_____ Tuesday Wednesday Thursday Friday Saturday Sunday

Tuesday

FOUR

Monday Tuesday Wednesday Thursday Friday Saturday _____

Wednesday

FIVE

Monday _____ Wednesday Thursday Friday Saturday Sunday

Thursday

SIX

Monday Tuesday Wednesday _____ Friday Saturday Sunday

Friday

SEVEN

Monday Tuesday Wednesday Thursday _____ Saturday Sunday

Saturday

NAME _____



40 - 49

	TENS	ONES	
FORTY	4	0	
FORTY ONE			
FORTY TWO			
FORTY THREE			
FORTY FOUR			
FORTY FIVE			
FORTY SIX			
FORTY SEVEN			
FORTY EIGHT			
FORTY NINE			



	$\begin{array}{r} 22 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ - 12 \\ \hline \end{array}$		$\begin{array}{r} 15 \\ + 21 \\ \hline \end{array}$		$\begin{array}{r} 36 \\ - 21 \\ \hline \end{array}$		$\begin{array}{r} 10 \\ + 28 \\ \hline \end{array}$
								

NAME _____



40-49

ONE

FILL IN THE EVEN NUMERALS

	41		43		45		47		49
----------------------	----	----------------------	----	----------------------	----	----------------------	----	----------------------	----

TWO

BEFORE

 49

 46

 42

THREE

AFTER

40

43

47

FOUR

BETWEEN

 41
 47
 44

FIVE

MORE THAN

 $43 > \textcircled{42}$
 $43 > \textcircled{}$

LESS THAN

 $46 < \textcircled{47}$
 $46 < \textcircled{}$

REMEMBERING



$$\begin{array}{r} \textcircled{22} \\ + \textcircled{16} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{34} \\ + \textcircled{0} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \\ + \textcircled{21} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{21} \\ + \textcircled{8} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{30} \\ + \textcircled{7} \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - \textcircled{11} \\ \hline \textcircled{} \end{array}$$

$$\begin{array}{r} 38 \\ - \textcircled{7} \\ \hline \textcircled{} \end{array}$$

$$\begin{array}{r} 34 \\ - \textcircled{34} \\ \hline \textcircled{} \end{array}$$

$$\begin{array}{r} 39 \\ - \textcircled{25} \\ \hline \textcircled{} \end{array}$$

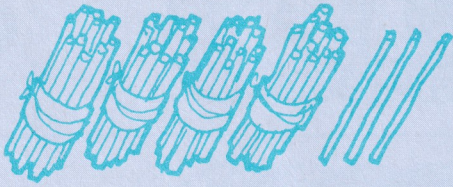
$$\begin{array}{r} 33 \\ - \textcircled{30} \\ \hline \textcircled{} \end{array}$$

NAME _____



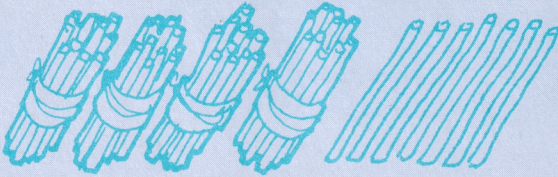
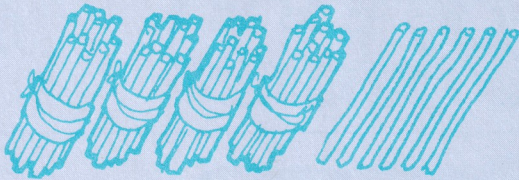
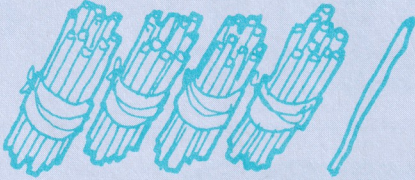
40-49

How Many Sticks?



TENS ONES

4 3



REMEMBERING

24

11

26

17

20

+ 25

+ 33

+ 21

+ 31

+ 20



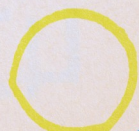
37
- 32

48
- 25

43
- 30

49
- 9

42
- 31



NAME _____

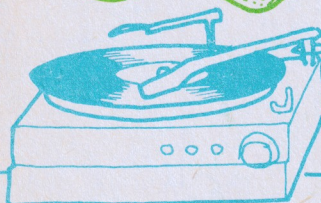


40-49

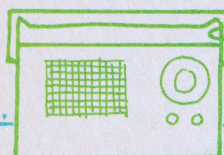
ONE BUYING WITH 49¢



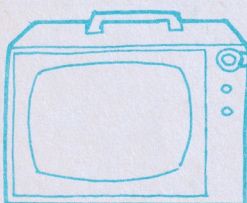
43¢



46¢



48¢



45¢



TWO HOW MUCH MONEY IS LEFT?

33¢



42¢



46¢



47¢



NAME _____



10-49

ONE

Fill in the EVEN numerals.

10	12	14	16	18
20		24		28
	32		36	
40		44		

TWO

Fill in the ODD numerals.

11	13	15	17	19
	23		27	
31		35		39
	43		47	

THREE

MORE THAN

LESS THAN

36 >

36 >

36 >

15 <

15 <

15 <

REMEMBERING



$$\begin{array}{r} 32 \\ + 15 \\ \hline \end{array}$$



$$\begin{array}{r} 40 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 21 \\ \hline \end{array}$$



$$\begin{array}{r} 30 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 21 \\ \hline \end{array}$$

NAME _____



50-59

	TENS	ONES	
FIFTY	5	0	
FIFTY ONE			
FIFTY TWO			
FIFTY THREE			
FIFTY FOUR			
FIFTY FIVE			
FIFTY SIX			
FIFTY SEVEN			
FIFTY EIGHT			
FIFTY NINE			

REMEMBERING



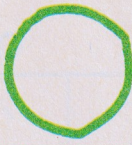
$$\begin{array}{r}
 34 \\
 + 24 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 49 \\
 - 29 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 54 \\
 + 5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 53 \\
 - 31 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 26 \\
 + 32 \\
 \hline
 \end{array}$$

NAME _____

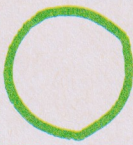


50-59

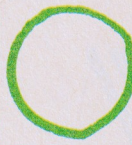
ONE
BEFORE



50



53



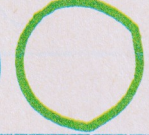
57



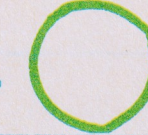
59

TWO
AFTER

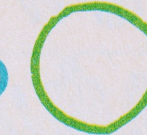
50



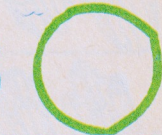
54



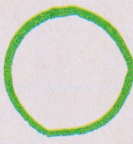
56



58



THREE
BETWEEN



51



54



57



FOUR

MORE THAN

LESS THAN

$$53 > 52$$

$$56 < 57$$

$$53 > \bigcirc$$

$$56 < \bigcirc$$

REMEMBERING



51

43

21

16

41

$$+ 6$$

$$+ 13$$

$$+ 35$$

$$+ 32$$

$$+ 10$$

56

52

31

49

17



14



32



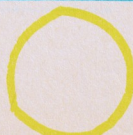
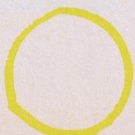
10



28



0

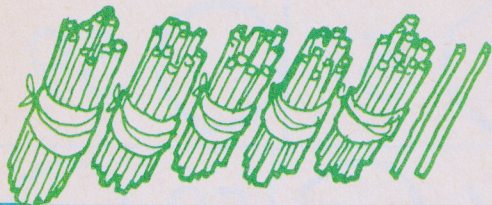


NAME _____



50-59

How Many Sticks?

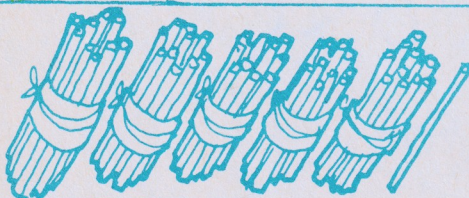
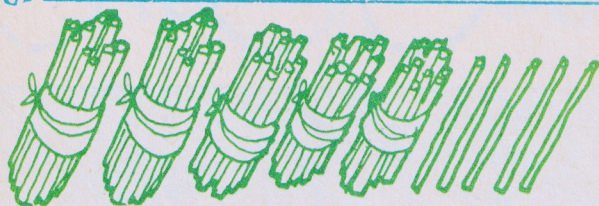
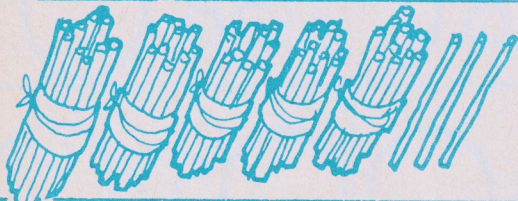


TENS

ONES

5

2



REMEMBERING

51

24

31

17

16



$$+ \begin{array}{r} 7 \\ \hline \end{array}$$

$$+ \begin{array}{r} 24 \\ \hline \end{array}$$

$$+ \begin{array}{r} 21 \\ \hline \end{array}$$

$$+ \begin{array}{r} 31 \\ \hline \end{array}$$

$$+ \begin{array}{r} 13 \\ \hline \end{array}$$

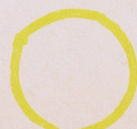
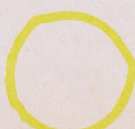
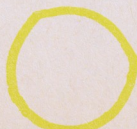
$$\begin{array}{r} 16 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 23 \\ \hline \end{array}$$



NAME _____



ONE Buying with 59¢

50-59



51¢



53¢



49¢



47¢



TWO

HOW MUCH MONEY IS LEFT?

33¢



43¢



53¢



51¢



NAME _____



50-59

ONE

Fill in the missing numerals.

1	2		4	5		7		9	
11		13		15			18	19	
21			24				28		30
31	32			35		37		39	
	42			45				49	50
5		53		55		57		59	

TWO

Complete

23	42	53	25	46
+	+	+	+	+
33	17	5	23	12

52	47	55	42	37
-	-	-	-	-
42	23	35	30	0

NAME _____



#11

review

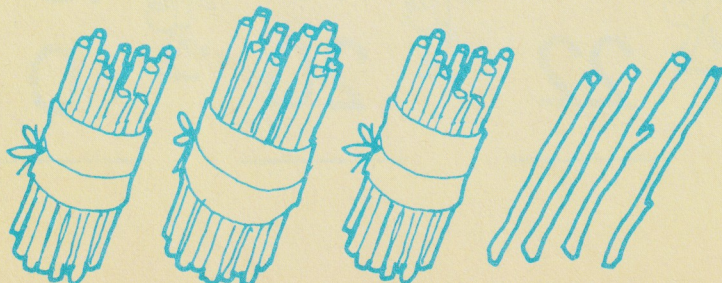
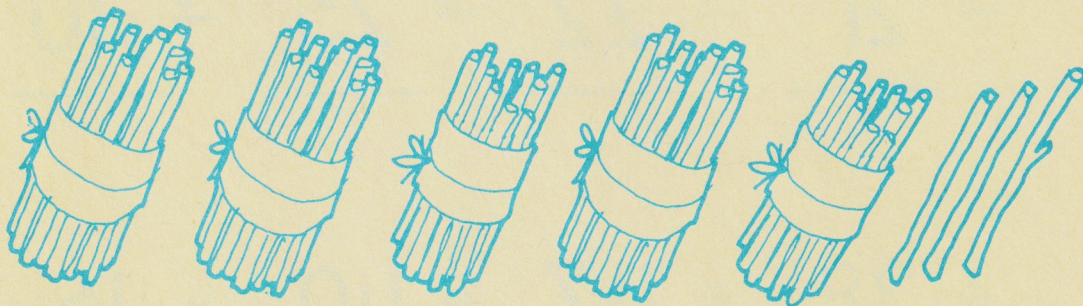
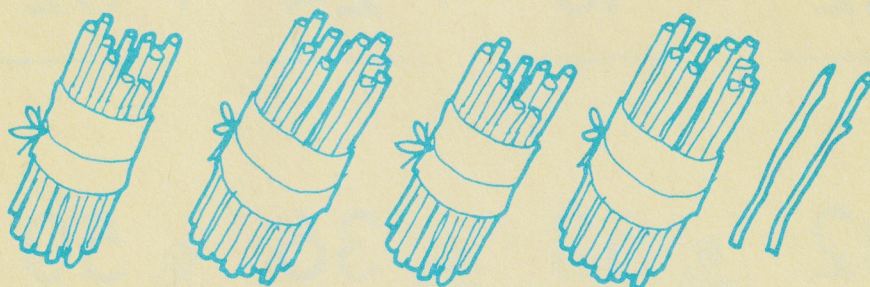
ONE

Fill in the missing terms.

30 31 33 35 37 39
 41 43 45 46 48
 50 53 55 57 59

TWO

TENS ONES



NAME _____



#11

review

$\begin{array}{r} 31 \\ + 23 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 41 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ + 20 \\ \hline \end{array}$
---	--	---	--	---

$\begin{array}{r} 21 \\ + 21 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 13 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ + 24 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ + 32 \\ \hline \end{array}$
---	---	---	---	---

 $\begin{array}{r} 29 \\ - 19 \\ \hline \end{array}$	 $\begin{array}{r} 42 \\ - 21 \\ \hline \end{array}$	 $\begin{array}{r} 53 \\ - 22 \\ \hline \end{array}$	 $\begin{array}{r} 36 \\ - 25 \\ \hline \end{array}$	 $\begin{array}{r} 50 \\ - 30 \\ \hline \end{array}$
$\begin{array}{r} \\ \hline \end{array}$	$\begin{array}{r} \\ \hline \end{array}$	$\begin{array}{r} \\ \hline \end{array}$	$\begin{array}{r} \\ \hline \end{array}$	$\begin{array}{r} \\ \hline \end{array}$

 $\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$	 $\begin{array}{r} 38 \\ - 11 \\ \hline \end{array}$	 $\begin{array}{r} 47 \\ - 22 \\ \hline \end{array}$	 $\begin{array}{r} 40 \\ - 20 \\ \hline \end{array}$	 $\begin{array}{r} 16 \\ - 0 \\ \hline \end{array}$
$\begin{array}{r} \\ \hline \end{array}$	$\begin{array}{r} \\ \hline \end{array}$	$\begin{array}{r} \\ \hline \end{array}$	$\begin{array}{r} \\ \hline \end{array}$	$\begin{array}{r} \\ \hline \end{array}$

NAME _____



review

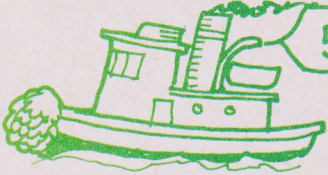
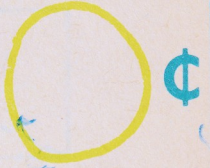
#11

ONE

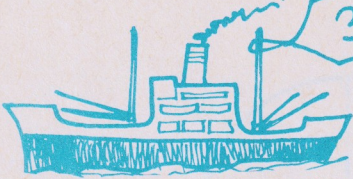
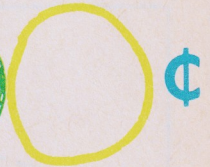
BUYING
WITH 59¢



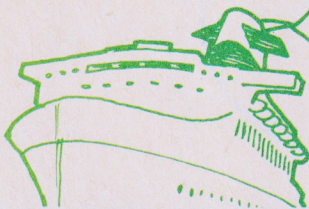
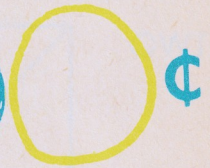
45¢



51¢



32¢

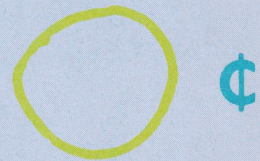
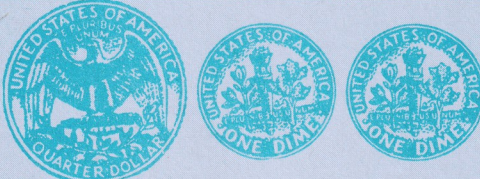


58¢



TWO

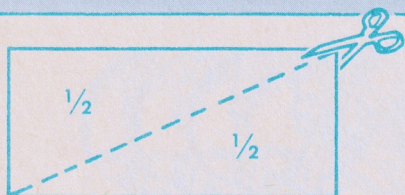
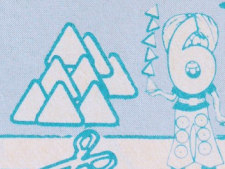
Making 50¢



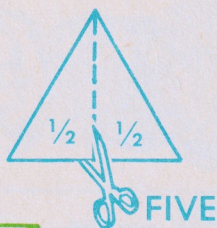
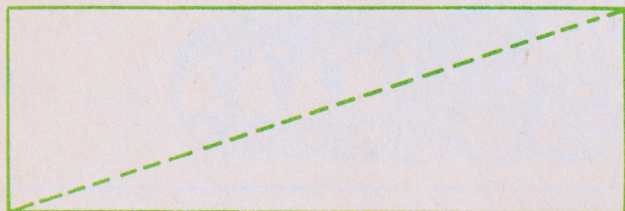
NAME _____



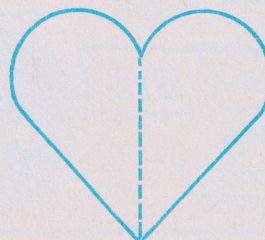
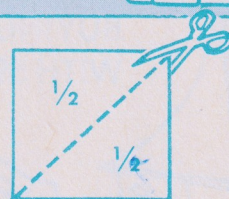
fractions $\frac{1}{2}$



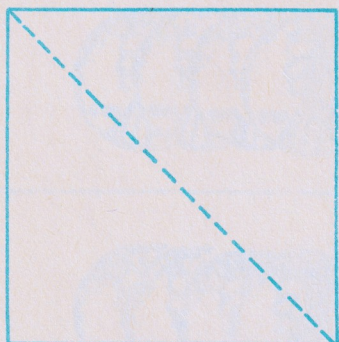
ONE



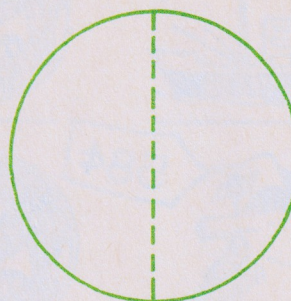
FIVE



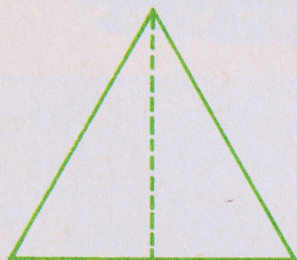
TWO



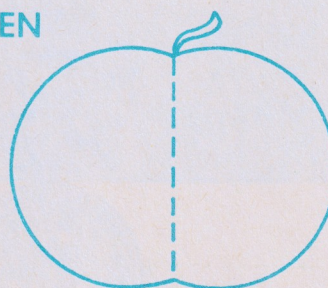
SIX



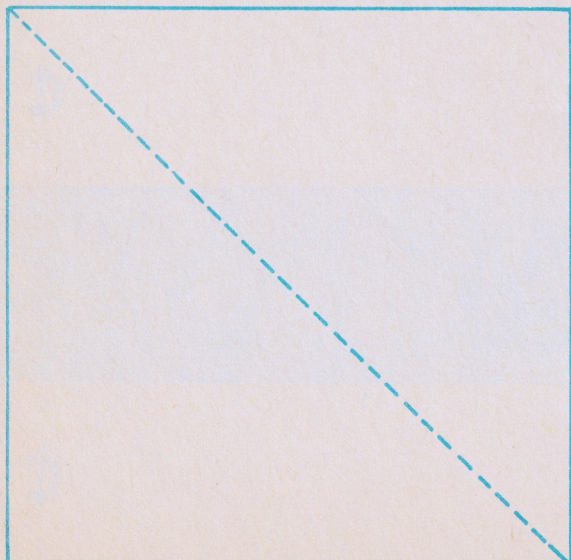
THREE



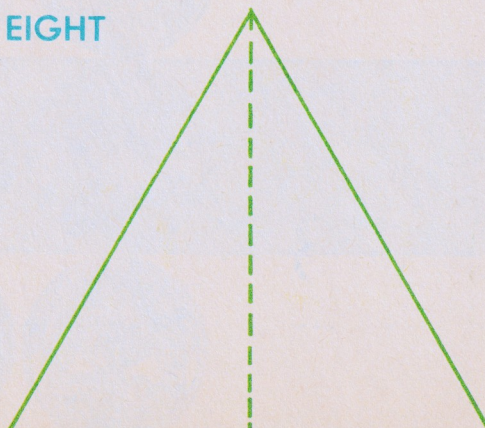
SEVEN



FOUR



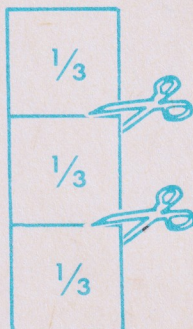
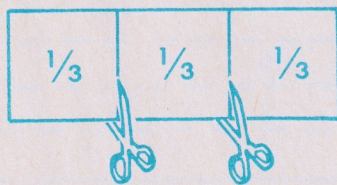
EIGHT



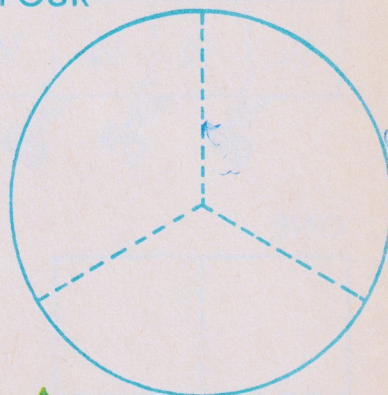
NAME _____



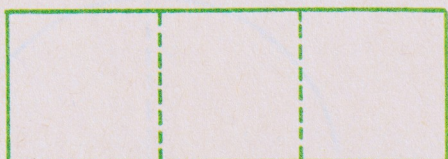
fractions $\frac{1}{3}$



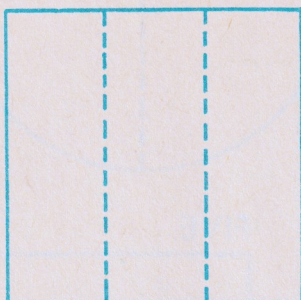
FOUR



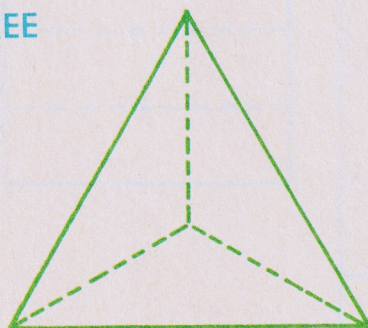
ONE



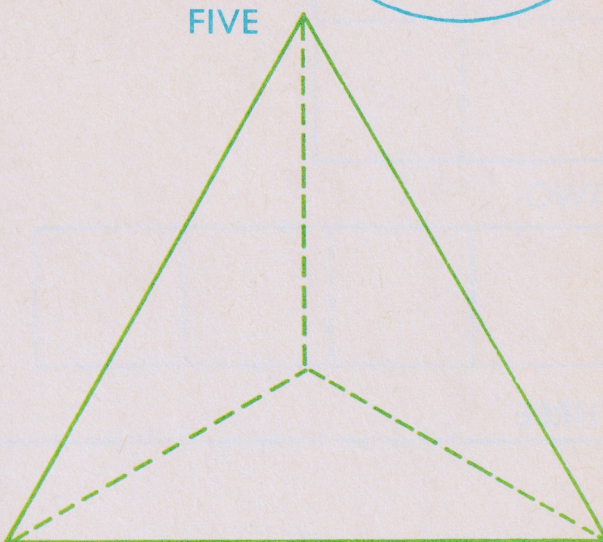
TWO



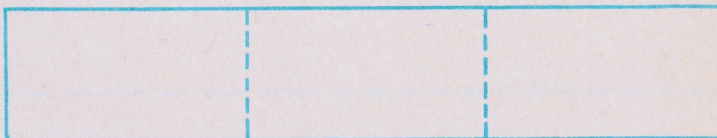
THREE



FIVE



SIX



REMEMBERING



$$\begin{array}{r} 22 \\ + 13 \\ \hline \end{array}$$



36

$$\begin{array}{r} 21 \\ - \\ \hline \end{array}$$



$$\begin{array}{r} 46 \\ + 12 \\ \hline \end{array}$$



49

$$\begin{array}{r} 12 \\ - 12 \\ \hline \end{array}$$

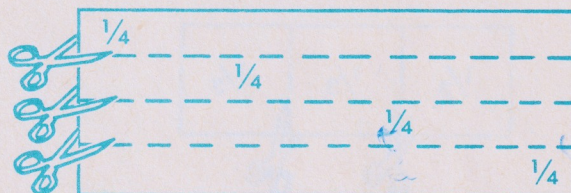
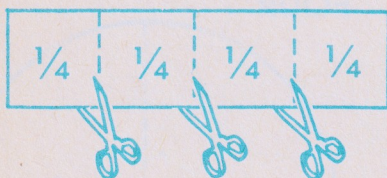


$$\begin{array}{r} 21 \\ + 11 \\ \hline \end{array}$$

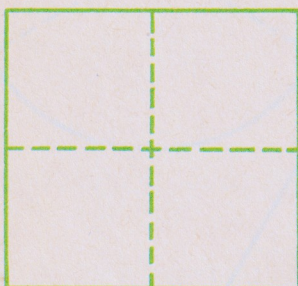
NAME _____



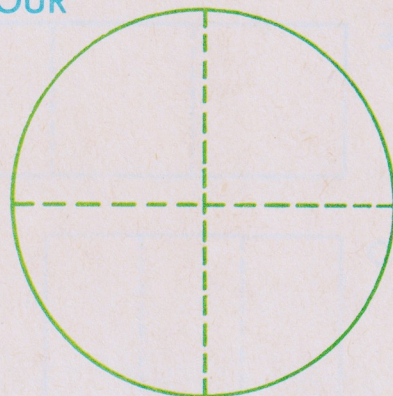
fractions-1/4



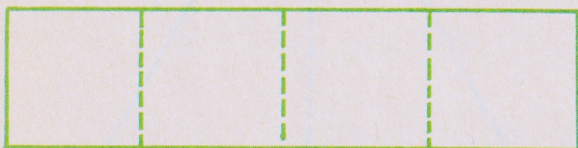
ONE



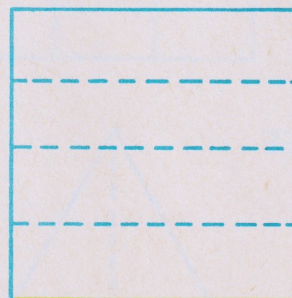
FOUR



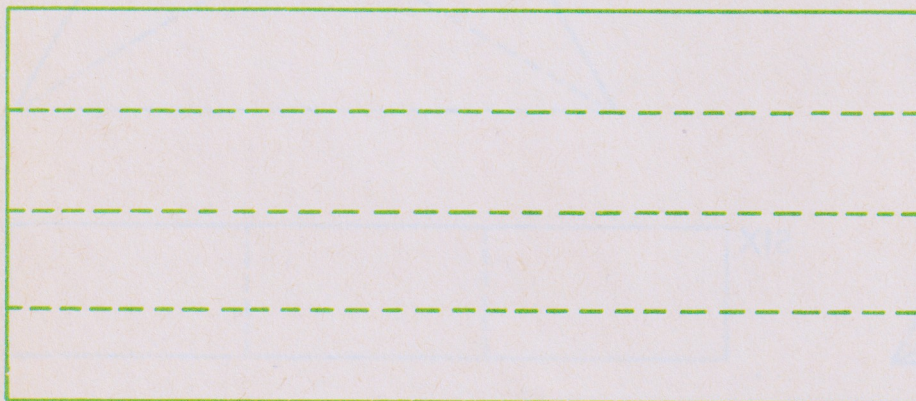
TWO



FIVE



THREE



38

24

+

46

12



25

15

+

20

13



19

19

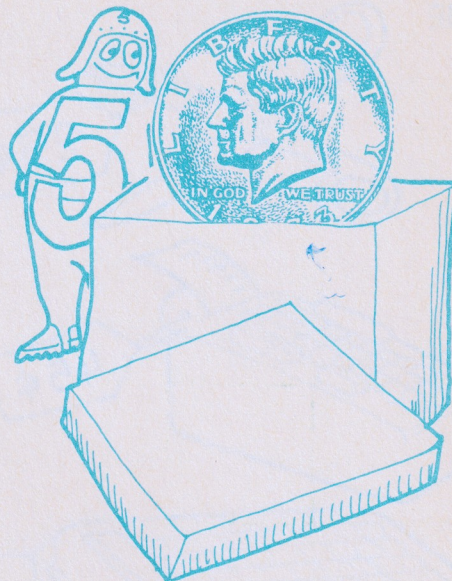


NAME _____

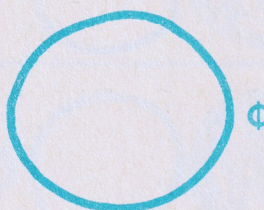


the half dollar

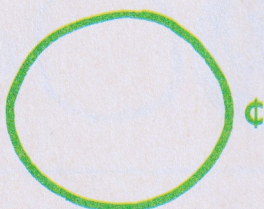
ONE



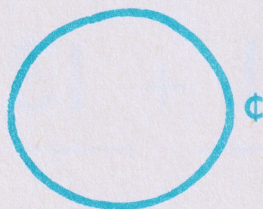
TWO



THREE



FOUR



REMEMBERING



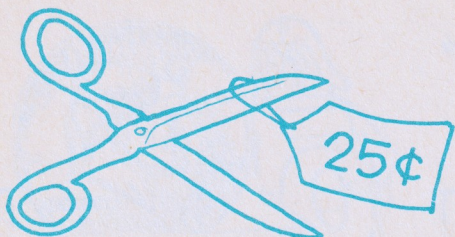
	36	26	29	48	48				
	- 16	+	10		- 20	+	11		- 12

NAME _____

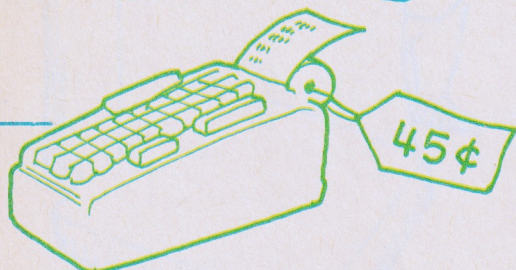


ONE

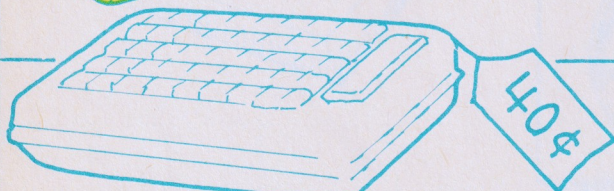
buying with 50¢



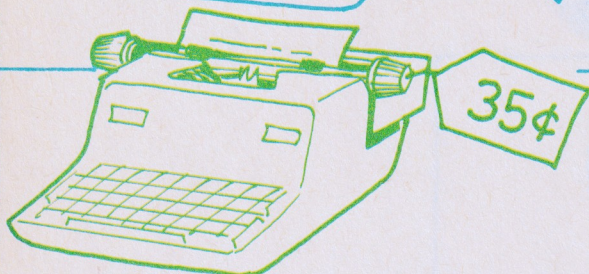
○ ¢



○ ¢



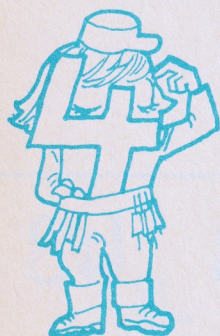
○ ¢



○ ¢

REMEMBERING

$$\begin{array}{r}
 12 \\
 + 46 \\
 \hline
 \end{array}
 +
 \begin{array}{r}
 30 \\
 + 6 \\
 \hline
 \end{array}
 +
 \begin{array}{r}
 24 \\
 + 24 \\
 \hline
 \end{array}
 +
 \begin{array}{r}
 26 \\
 + 31 \\
 \hline
 \end{array}
 +
 \begin{array}{r}
 24 \\
 + 13 \\
 \hline
 \end{array}$$



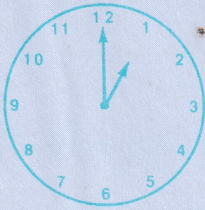
$$\begin{array}{r}
 31 \\
 - 11 \\
 \hline
 \end{array}
 \begin{array}{r}
 26 \\
 - 15 \\
 \hline
 \end{array}
 \begin{array}{r}
 33 \\
 - 23 \\
 \hline
 \end{array}
 \begin{array}{r}
 49 \\
 - 14 \\
 \hline
 \end{array}
 \begin{array}{r}
 30 \\
 - 10 \\
 \hline
 \end{array}$$

NAME _____



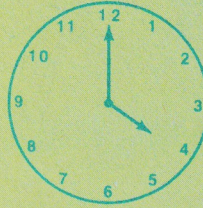
telling time

ONE

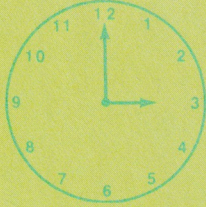


1:00

FOUR

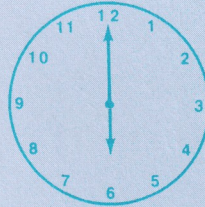


TWO



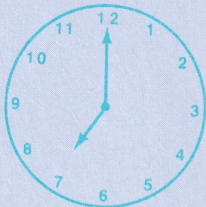
:

FIVE



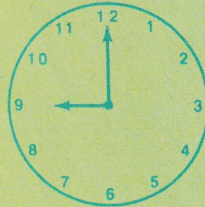
:

THREE



:

SIX



:

REMEMBERING



$$+ \begin{array}{c} 30 \\ 22 \end{array}$$

$$+ \begin{array}{c} 11 \\ 43 \end{array}$$

$$+ \begin{array}{c} 44 \\ 13 \end{array}$$

$$+ \begin{array}{c} 16 \\ 30 \end{array}$$

$$+ \begin{array}{c} 40 \\ 6 \end{array}$$

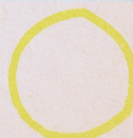
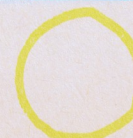
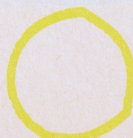
$$\begin{array}{r} 45 \\ 25 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ 16 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ 16 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ 28 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ 33 \\ \hline \end{array}$$

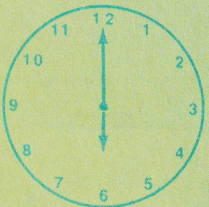
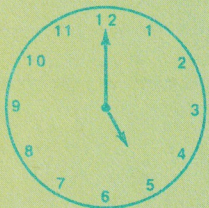
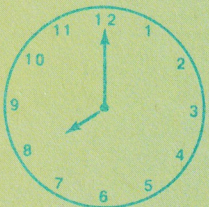
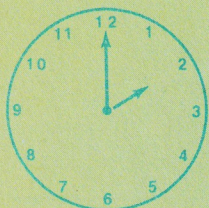


NAME _____



telling time on the hour

MATCHING



3 o'clock

5 o'clock

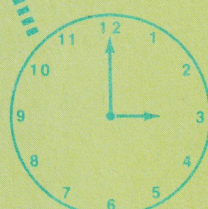
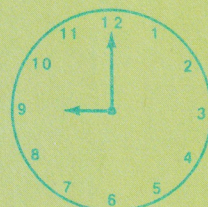
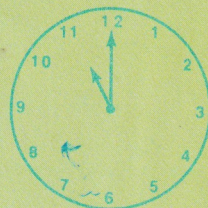
2 o'clock

11 o'clock

8 o'clock

6 o'clock

9 o'clock



REMEMBERING

59
36

46
23

32
21

28
17

17
6



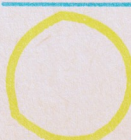
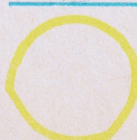
14
11

27
15

44
34

52
50

33
33

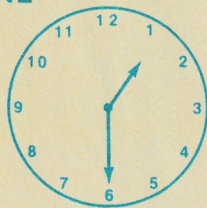


NAME _____



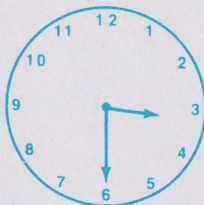
telling time on the half hour

ONE



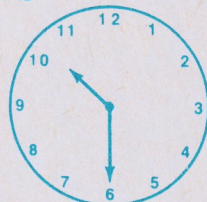
1:30

FOUR



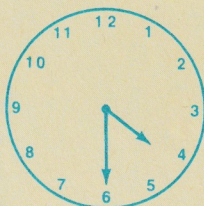
4:30

TWO



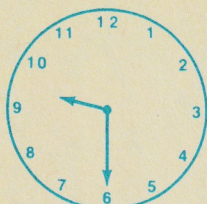
2:30

FIVE



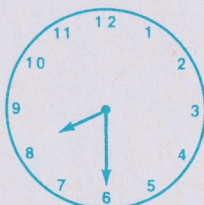
5:30

THREE



3:30

SIX



6:30

REMEMBERING

	59		27		35		42		13
—	59	—	13	—	15	—	11	—	6



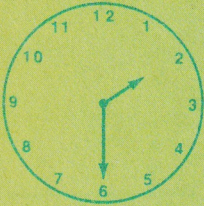
16	25	44	17	21
+ 33	+ 24	+ 13	+ 30	+ 31

NAME _____



telling time

MATCHING



2:30

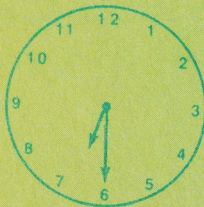
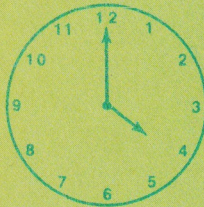
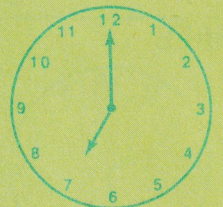
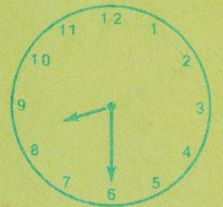
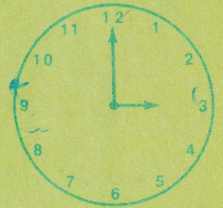
6:30

4:00

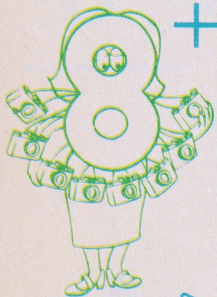
8:30

7:00

3:00



REMEMBERING



	<u>20</u>		47		<u>43</u>		33		<u>14</u>
+	<u>30</u>		<u>22</u>	+	<u>16</u>		<u>0</u>	+	<u>34</u>
			<u> </u>				<u> </u>		
	52		55		30		29		37
	<u>31</u>		<u>25</u>		<u>10</u>		<u>4</u>		<u>31</u>
	<u> </u>		<u> </u>		<u> </u>		<u> </u>		<u> </u>

NAME _____

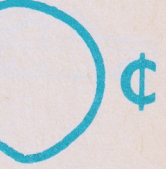
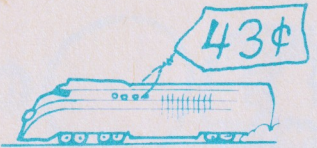
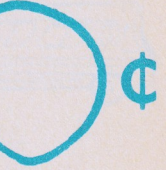
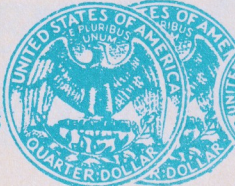
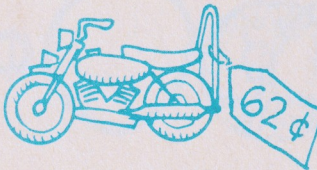


60-69

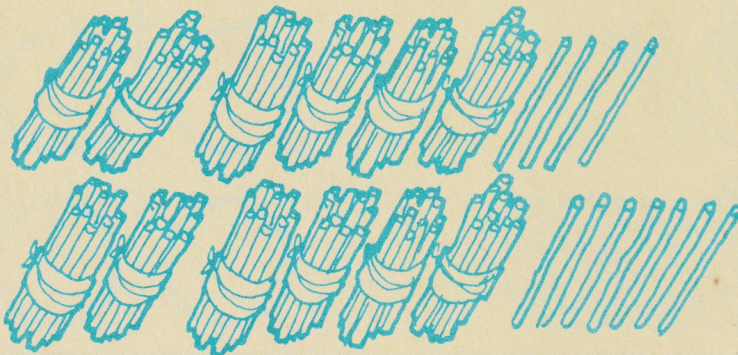
1. Fill in the missing numerals

60 ○ 62 ○ ○ 65 ○ 67 ○ ○

2. Buying with 69¢ (children put an X on each coin used)



3. How Many Sticks?



TENS

ONES

6

4

○

○

REMEMBERING



$$\begin{array}{r} 30 \\ + 33 \\ \hline \end{array}$$



$$\begin{array}{r} 67 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 53 \\ \hline \end{array}$$



$$\begin{array}{r} 68 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 21 \\ \hline \end{array}$$



NAME _____



70-79

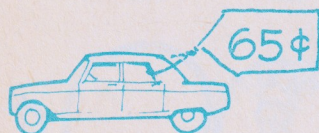
1. Fill in the missing numerals

○ 71 ○ 73 ○ ○ 76 ○ 78 ○

2. Buying with 79¢ (children put an x on each coin used)

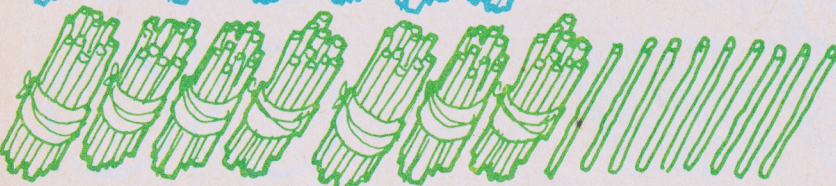
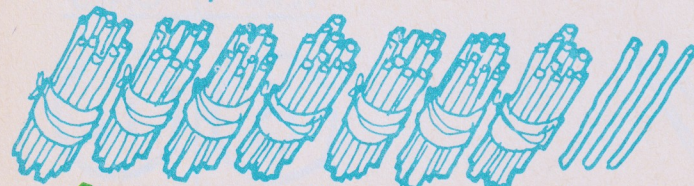


○ ¢



○ ¢

3. How Many Sticks?



TENS

ONES

○

○

○

○

REMEMBERING



$$\begin{array}{r} 42 \\ + 35 \\ \hline \end{array}$$



$$\begin{array}{r} 76 \\ - 34 \\ \hline \end{array}$$

○

$$\begin{array}{r} 23 \\ + 50 \\ \hline \end{array}$$



$$\begin{array}{r} 79 \\ - 19 \\ \hline \end{array}$$

○

$$\begin{array}{r} 71 \\ + 6 \\ \hline \end{array}$$

NAME _____

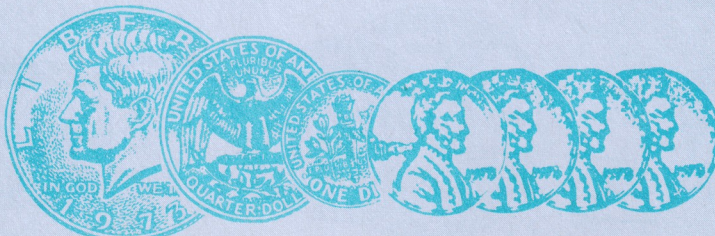
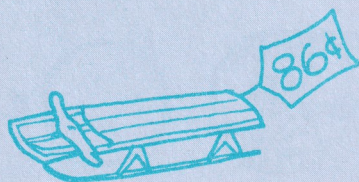


80-89

1. Fill in the missing numerals

80 82 86 88

2. Buying with 89¢

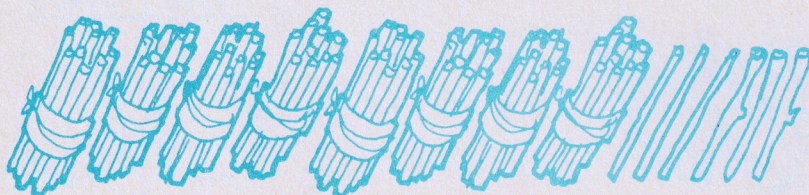


¢

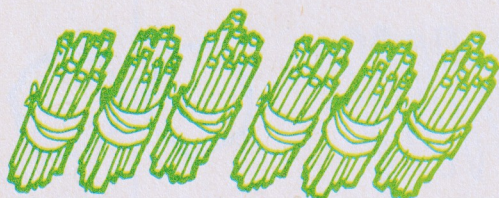


¢

3. How Many Sticks?



TENS | ONES



REMEMBERING



$$\begin{array}{r} 87 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 55 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 62 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 75 \\ \hline \end{array}$$



NAME _____

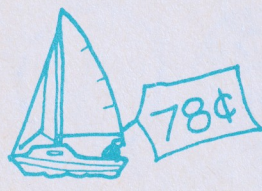
90-99

1. Fill in the missing numerals

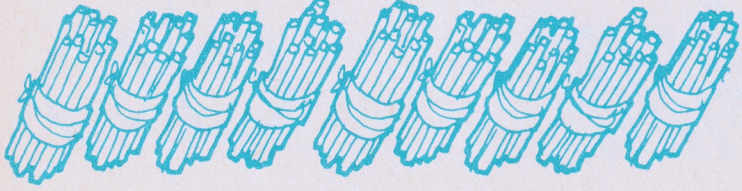
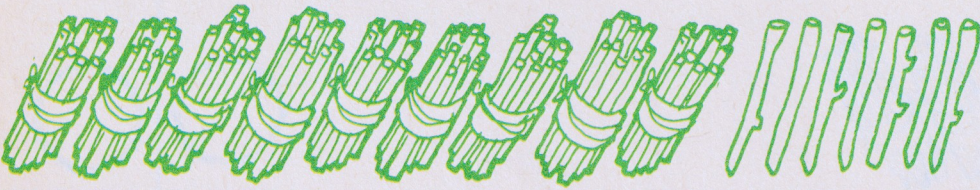
90 92 94 96 98

2. Buying with 99¢

 ¢

 ¢

3. How Many Sticks?

	TENS	ONES
		
		

REMEMBERING


$$\begin{array}{r} 99 \\ - 99 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 46 \\ \hline \end{array}$$


$$\begin{array}{r} 94 \\ - 33 \\ \hline \end{array}$$

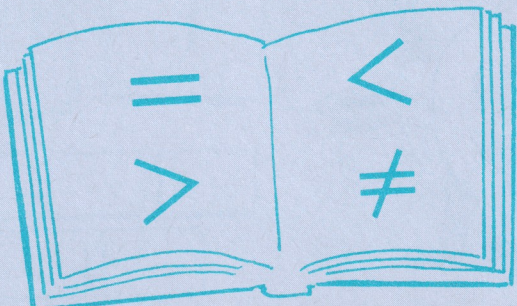
$$\begin{array}{r} 18 \\ + 80 \\ \hline \end{array}$$


$$\begin{array}{r} 98 \\ - 43 \\ \hline \end{array}$$

NAME _____



Do you remember when Mr. 1 put signs in his book?

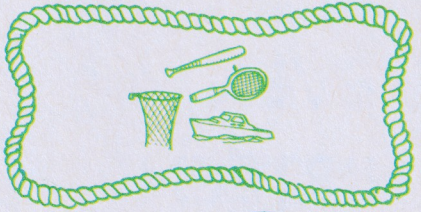


I remember it well.

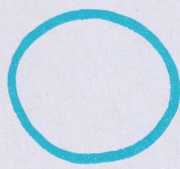
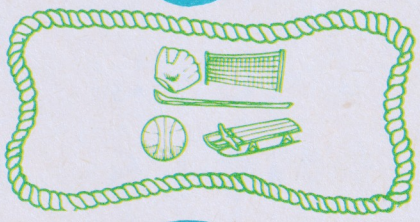
= ≠ < >



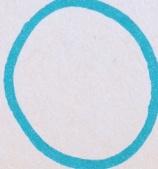
=
≠
>
<



=
≠
>
<



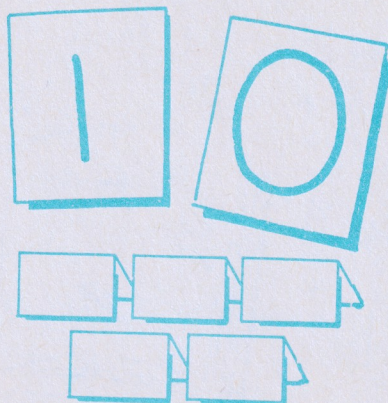
=
≠
>
<



NAME _____



Do you remember when Mr. 9 made numerals?



I remember it well.

10

12 TWELVE

10+1

14 FOURTEEN

10+2

15 FIFTEEN

10+3

10 TEN

10+4

11 ELEVEN

10+5

13 THIRTEEN

10+6

18 EIGHTEEN

10+7

19 NINETEEN

10+8

16 SIXTEEN

10+9

17 SEVENTEEN

NAME _____



Do you remember when Ms. 2 found a second way to add and subtract?

$$\begin{array}{r} 3 + 4 = 7 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 4 - 1 = 3 \\ \hline 3 \end{array}$$

I remember it well.

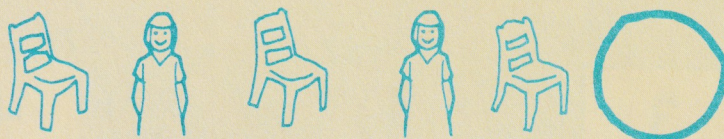
$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$6 + 3 =$	$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$	$6 - 3 =$
$\begin{array}{r} 11 \\ + 2 \\ \hline \end{array}$	$11 + 2 =$	$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$	$11 - 2 =$
$\begin{array}{r} 28 \\ + 11 \\ \hline \end{array}$	$28 + 11 =$	$\begin{array}{r} 28 \\ - 11 \\ \hline \end{array}$	$28 - 11 =$
$\begin{array}{r} 41 \\ + 31 \\ \hline \end{array}$	$41 + 31 =$	$\begin{array}{r} 41 \\ - 31 \\ \hline \end{array}$	$41 - 31 =$

NAME _____



Do you remember when the NUMBER WORKERS made patterns?

ONE



TWO



I remember it well.

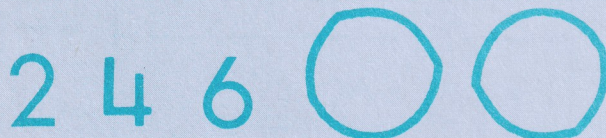
THREE



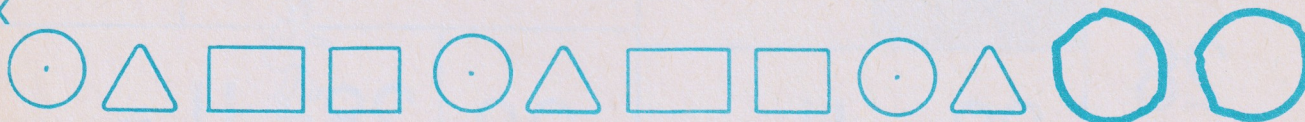
FOUR



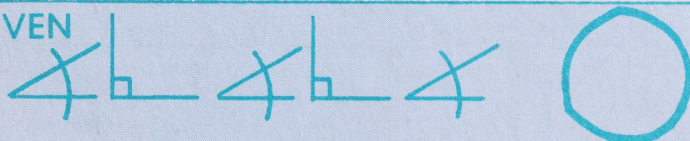
FIVE



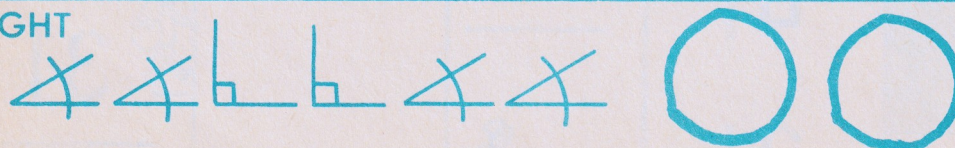
SIX



SEVEN



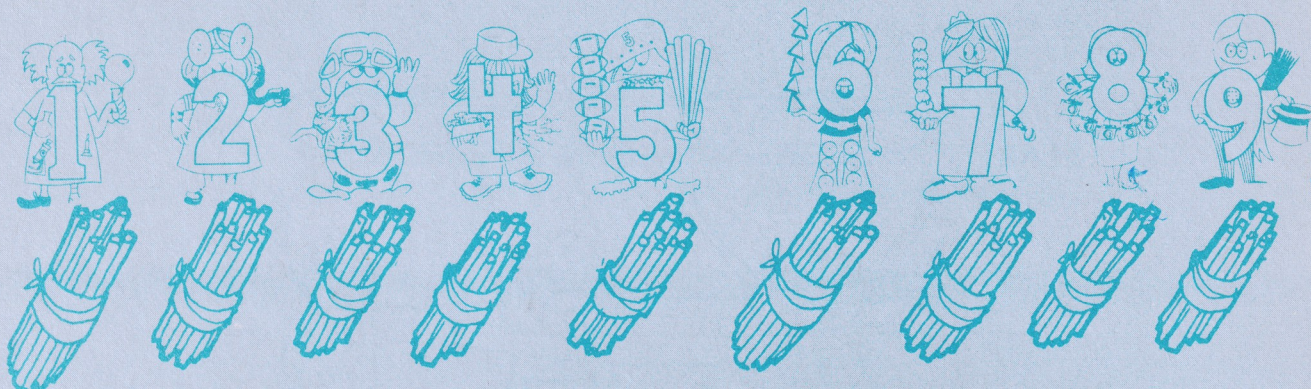
EIGHT



NAME _____

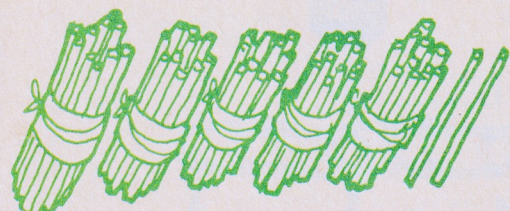


Do you remember when the NUMBER WORKERS made packages?



I remember it well.

How Many Sticks?

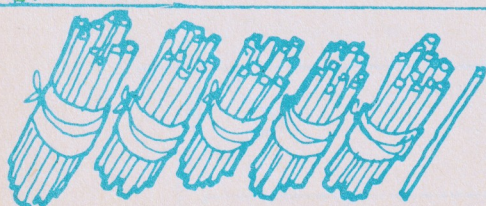
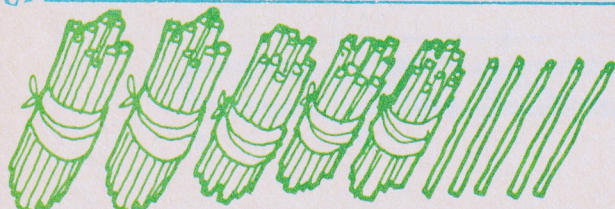
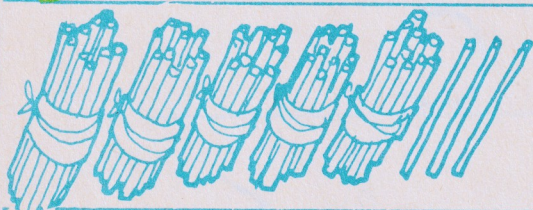


TENS

ONES

5

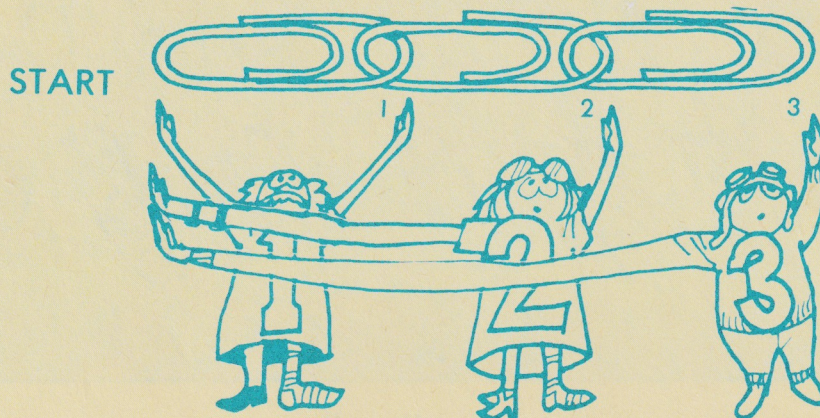
2



NAME _____

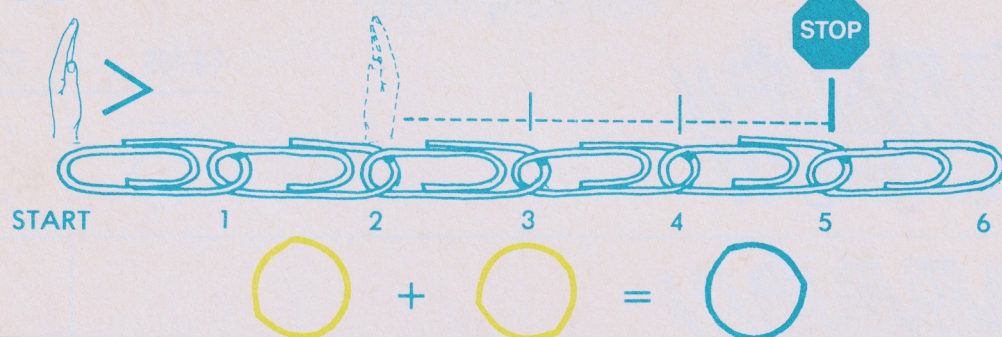


Do you remember when the NUMBER WORKERS made the Number Line?

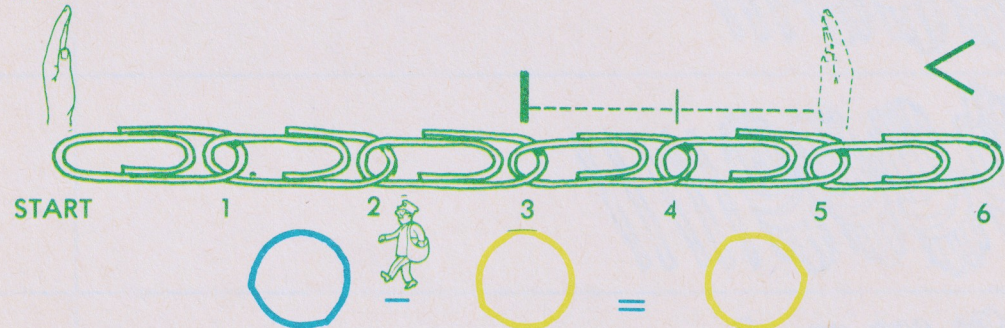


I remember it well.

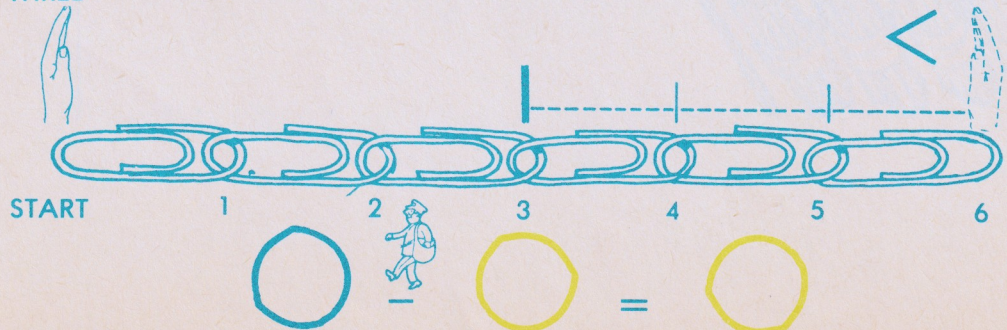
ONE



TWO



THREE



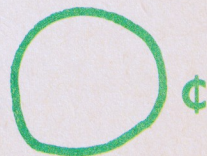
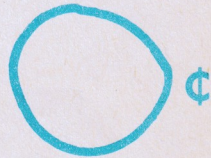
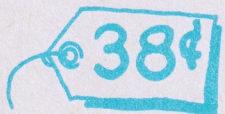
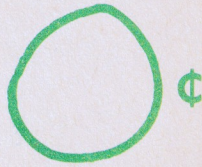
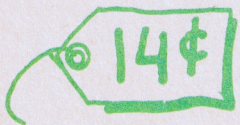
NAME _____

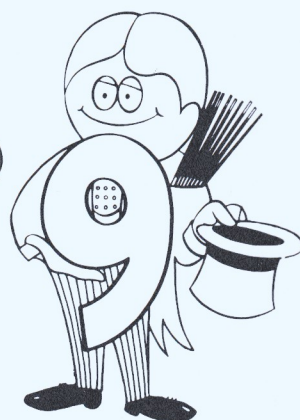
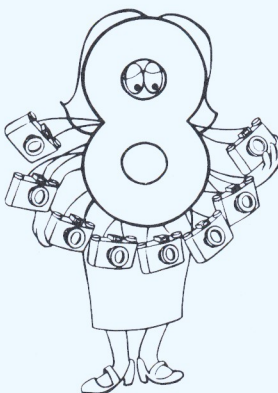
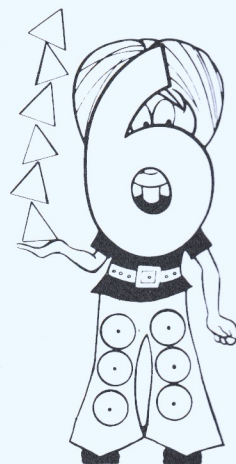


Do you remember when the NUMBER WORKERS made coins?



I remember it well.





CENTER

T. S. U.

STUDENT

TEACHER

CLASS

THE NUMBER WORKERS COMPANY, INC.

EAST HILLS NEW YORK 11576